LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 303-PPR-FRAC

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024696.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.522	65	74	87	rVB	1032767	1422265	13.28%	1.061%
2	3.746	106	112	120	rBV	196317	287590	2.68%	0.214%
3	3.916	135	141	153	rVB	294001	454163	4.24%	0.339%
4	5.116	339	345	353	rBV	932145	1251913	11.69%	0.934%
5	5.293	368	375	379	rVV	1085299	1645507	15.36%	1.227%
6	5.334	379	382	393	rVB	410905	802149	7.49%	0.598%
7	5.699	436	444	457	rBV	340126	528646	4.94%	0.394%
8	6.757	613	624	628	rBV	242029	377725	3.53%	0.282%
9	6.869	637	643	660	rVB3	646523	1500297	14.01%	1.119%
10	7.310	709	718	724	rVB	551521	810234	7.56%	0.604%
11	7.657	765	777	784	rBV	502746	891898	8.33%	0.665%
12	7.722	784	788	792	rVV	269375	410698	3.83%	0.306%
13	7.769	792	796	810	rVB2	326250	693352	6.47%	0.517%
14	8.022	834	839	845	rBV	183586	285818	2.67%	0.213%
15	8.346	888	894	903	rVV	2197495	3501812	32.69%	2.611%
16	8.440	903	910	913	rVV	1884792	3221786	30.08%	2.402%
17	8.475	913	916	927	rVV	2495549	3727433	34.80%	2.779%
18	8.769	953	966	968	rBV2	863999	1539703	14.37%	1.148%
19	8.804	968	972	981	rVV	1541038	2887774	26.96%	2.153%
20	8.893	981	987	995	rVB2	267191	482837	4.51%	0.360%
21	9.022	995	1009	1013	rBV	428392	1201806	11.22%	0.896%
22	9.122	1022	1026	1035	rVB4	184026	361322	3.37%	0.269%
23	9.363	1055	1067	1068	rBV4	589760	1611409	15.04%	1.202%
24	9.428	1073	1078	1086	rVB	204313	367688	3.43%	0.274%
25	9.534	1086	1096	1107	rVB2	151809	384659	3.59%	0.287%
26	9.675	1115	1120	1129	rVB2	160697	325442	3.04%	0.243%
27	9.834	1130	1147	1152	rBV4	426217	1211994	11.32%	0.904%
28	9.887	1152	1156	1168	rVB3	244630	657493	6.14%	0.490%
29	10.063	1179	1186	1189	rBV	534431	1116919	10.43%	0.833%
30	10.157	1190	1202	1208	rVV3	1503080	5671061	52.95%	4.229%
31	10.422	1241	1247	1252	rVV	676562	1231575	11.50%	0.918%
32	10.487	1252	1258	1264	rVV2	1247316	2299514	21.47%	1.715%
33	10.551	1264	1269	1271	rVV2	203430	375832	3.51%	0.280%
34	10.575	1271	1273	1279	rVB	223709	341071	3.18%	0.254%
35	10.798	1305	1311	1322	rVV	1929142	3252226	30.36%	2.425%
36	11.175	1369	1375	1386	rVB	1090513	1915492	17.88%	1.428%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 303-PPR-FRAC

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.275	1386	1392	1397	rBV2	298930	537032	5.01%	0.400%
38	11.434	1412	1419	1421	rBV4	159849	291223	2.72%	0.217%
39	11.528	1430	1435	1444	rVB3	147661	279603	2.61%	0.208%
40	11.616	1444	1450	1460	rVB	251802	464196	4.33%	0.346%
41	11.728	1460	1469	1473	rBV2	233039	456186	4.26%	0.340%
42	11.792	1475	1480	1484	rBV	702302	1095211	10.22%	0.817%
43	11.834	1484	1487	1493	rVB4	377657	658852	6.15%	0.491%
44	11.904	1493	1499	1500	rBV3	275205	426196	3.98%	0.318%
45	11.934	1500	1504	1510	rVB	715804	1163056	10.86%	0.867%
46	12.087	1518	1530	1535	rBV2	1310214	3206345	29.93%	2.391%
47	12.157	1535	1542	1550	rVV2	876690	2470584	23.07%	1.842%
48	12.234	1550	1555	1562	rVV	480593	818906	7.65%	0.611%
49	12.328	1562	1571	1580	rVV2	1023594	2340879	21.85%	1.746%
50	12.581	1608	1614	1620	rBV	262294	532897	4.98%	0.397%
51	12.639	1620	1624	1632	rVB	206372	360824	3.37%	0.269%
52	12.739	1637	1641	1646	rBV	391839	490616	4.58%	0.366%
53	12.904	1662	1669	1677	rBV	3784302	5564141	51.95%	4.149%
54	13.086	1693	1700	1704	rBV2	365420	729949	6.81%	0.544%
55	13.139	1707	1709	1715	rVB	305717	378428	3.53%	0.282%
56	13.234	1720	1725	1730	rBV	232148	349560	3.26%	0.261%
57	13.451	1754	1762	1771	rBV3	300991	724885	6.77%	0.541%
58	13.610	1784	1789	1795	rBV2	432061	894952	8.36%	0.667%
59	13.663	1795	1798	1801	rVV2	256564	368915	3.44%	0.275%
60	13.692	1801	1803	1808	rVB2	335585	398884	3.72%	0.297%
61	13.845	1823	1829	1832	rBV2	158842	309170	2.89%	0.231%
62	14.016	1853	1858	1864	rBV	362017	566906	5.29%	0.423%
63	14.128	1872	1877	1883	rBV2	163004	326197	3.05%	0.243%
64	14.298	1895	1906	1913	rBV	1095444	2150433	20.08%	1.604%
65	14.363	1913	1917	1924	rBV2	157807	283039	2.64%	0.211%
66	14.463	1930	1934	1939	rVB3	473236	716653	6.69%	0.534%
67	14.851	1992	2000	2007	rBV	1073623	1813715	16.93%	1.352%
68	15.133	2044	2048	2053	rVB	1584570	1783975	16.66%	1.330%
69	15.692	2137	2143	2146	rBV2	1485445	2224516	20.77%	1.659%
70	15.728	2146	2149	2155	rVV	2419933	2955808	27.60%	2.204%
71	15.822	2155	2165	2173	rVB	4170116	6178847	57.69%	4.607%
72	15.963	2182	2189	2193	rBV2	202586	467650	4.37%	0.349%
73	16.057	2200	2205	2216	rVB4	283837	664513	6.20%	0.496%
74	16.198	2224	2229	2236	rBV2	657818	1050670	9.81%	0.783%
75	16.345	2249	2254	2259	rBV3	296285	487376	4.55%	0.363%
76	16.398	2260	2263	2267	rVV	257558	320008	2.99%	0.239%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 303-PPR-FRAC

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.445	2267	2271	2277	rVB2	261746	322983	3.02%	0.241%
78	16.816	2327	2334	2339	rBV2	1831628	3095925	28.90%	2.309%
79	17.098	2376	2382	2387	rBV2	1452700	2062714	19.26%	1.538%
80	17.139	2387	2389	2393	rVV	262768	342604	3.20%	0.255%
81	17.198	2393	2399	2403	rVV	481958	853598	7.97%	0.637%
82	17.492	2442	2449	2453	rBV2	1120471	1558462	14.55%	1.162%
83	18.045	2539	2543	2550	rBV2	1375162	1741370	16.26%	1.299%
84	18.169	2561	2564	2574	rVB2	801367	1132850	10.58%	0.845%
85	18.333	2587	2592	2599	rVV3	602857	1070289	9.99%	0.798%
86	18.398	2600	2603	2611	rVB3	241770	446936	4.17%	0.333%
87	18.557	2627	2630	2641	rVB	298902	509008	4.75%	0.380%
88	18.998	2701	2705	2711	rVB4	276740	403753	3.77%	0.301%
89	19.298	2752	2756	2764	rVB4	221998	372817	3.48%	0.278%
90	19.374	2765	2769	2773	rVV	300759	414001	3.87%	0.309%
91	19.651	2814	2816	2822	rVB	277296	344249	3.21%	0.257%
92	19.821	2840	2845	2850	rBV	8945362	10711180	100.00%	7.987%
93	19.904	2855	2859	2866	rVV	293323	443362	4.14%	0.331%
94	20.592	2970	2976	2982	rBV2	1951745	2744406	25.62%	2.046%
95	20.974	3037	3041	3052	rVB	584486	862168	8.05%	0.643%
96	21.198	3075	3079	3086	rVB	385813	607648	5.67%	0.453%
97	21.310	3093	3098	3107	rVB	1036652	1651657	15.42%	1.232%
98	21.533	3129	3136	3142	rBV	1602270	2860895	26.71%	2.133%
99	21.704	3162	3165	3172	rVB	204907	280924	2.62%	0.209%
100	24.804	3684	3692	3707	rVB2	1183950	2920285	27.26%	2.178%

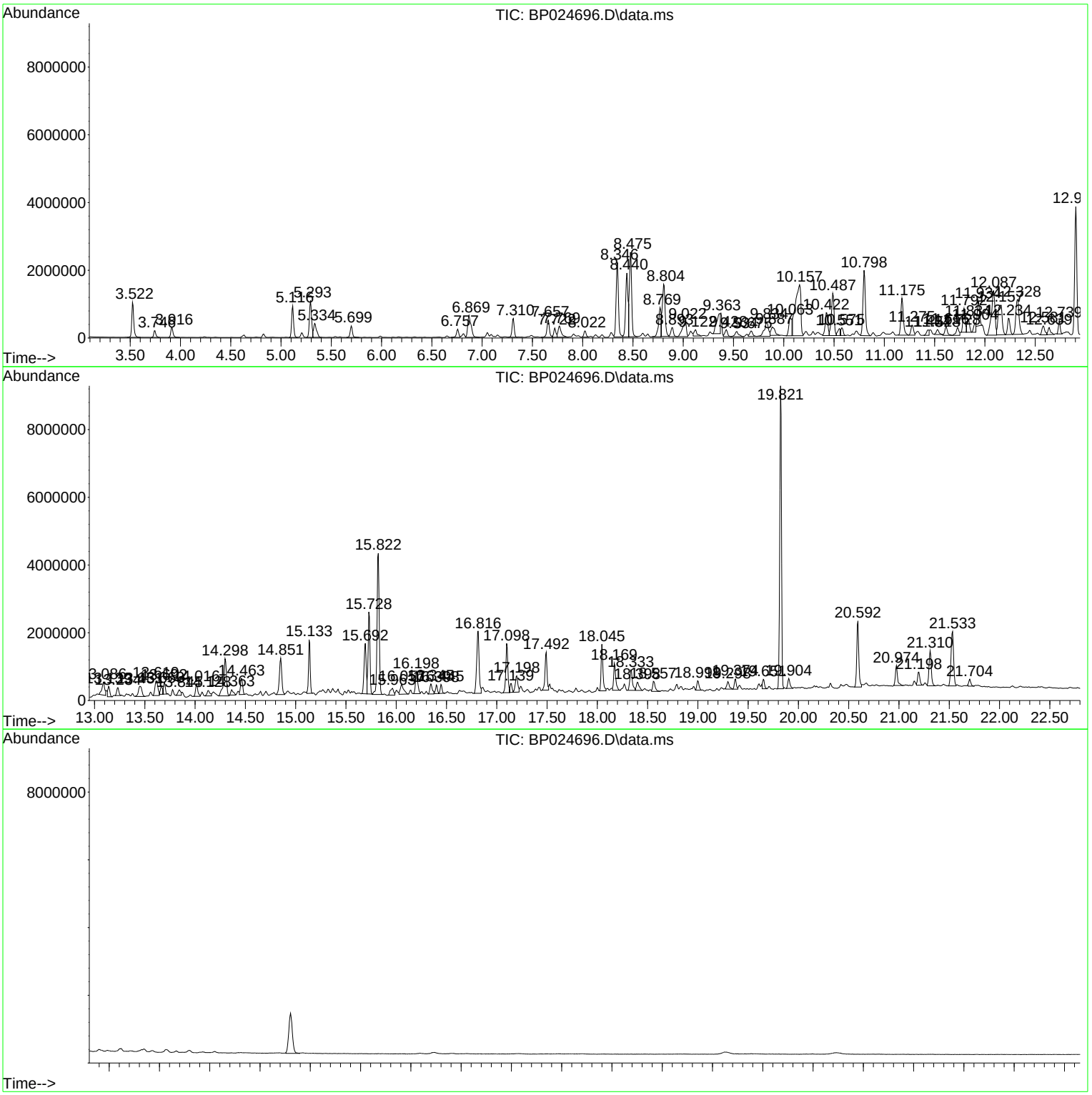
Sum of corrected areas: 134104983

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

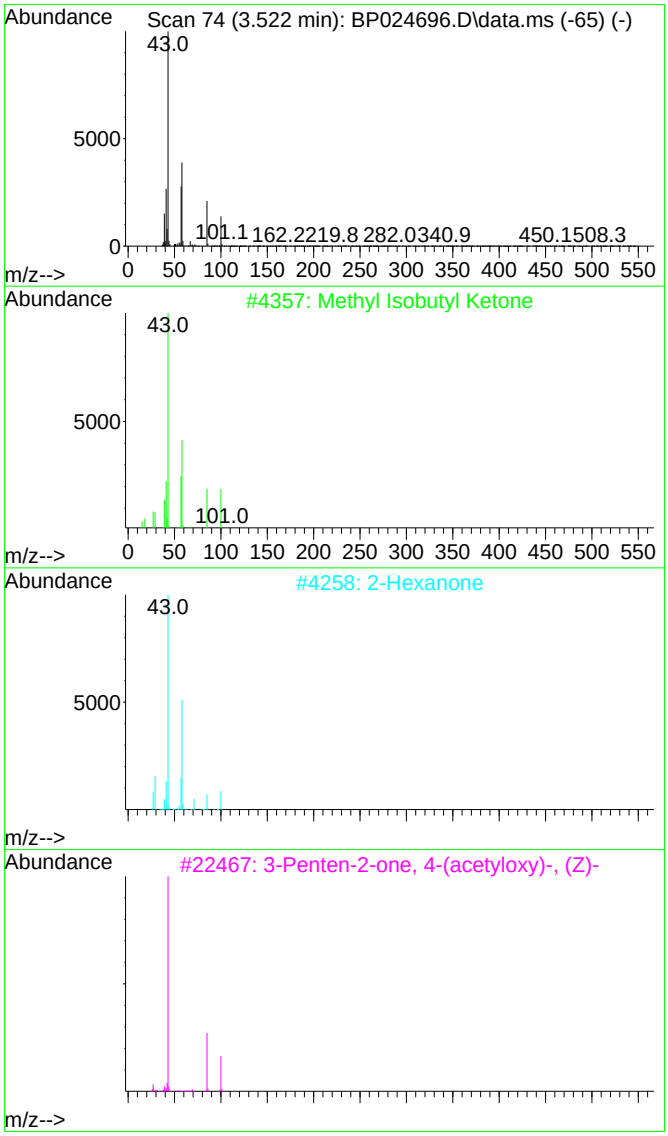
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

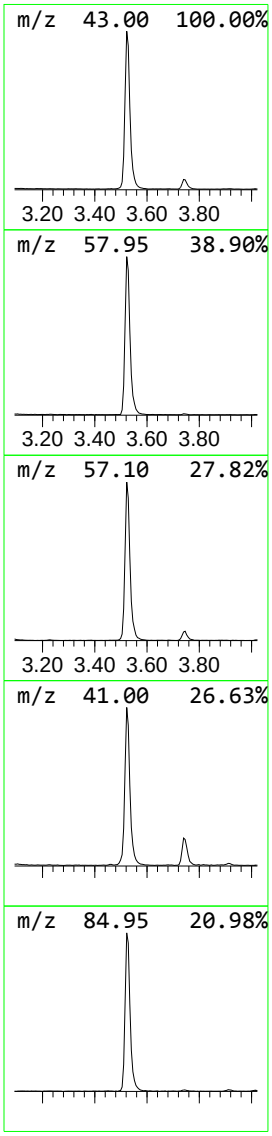
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.522	31.89 ng	1422270	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	91
2	2-Hexanone	100	C6H12O	000591-78-6	64
3	3-Penten-2-one, 4-(acetyloxy)-, ...	142	C7H10O3	038365-58-1	37
4	Acetylacetone	100	C5H8O2	000123-54-6	35
5	4-Methyl-1,6-heptadien-4-ol	126	C8H14O	025201-40-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

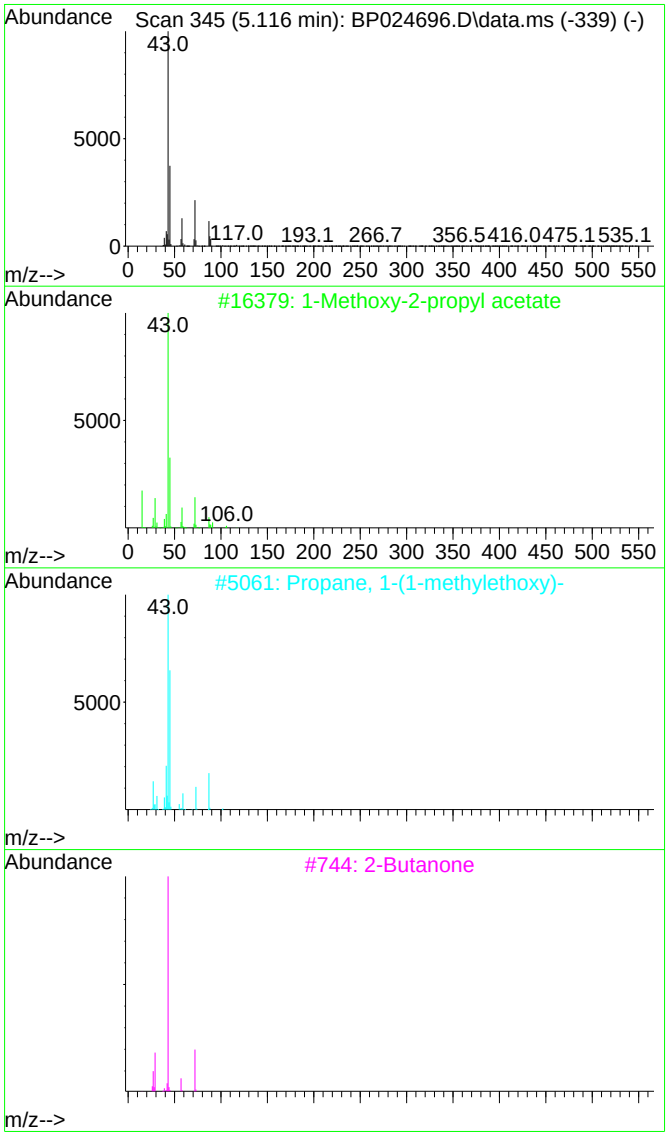
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

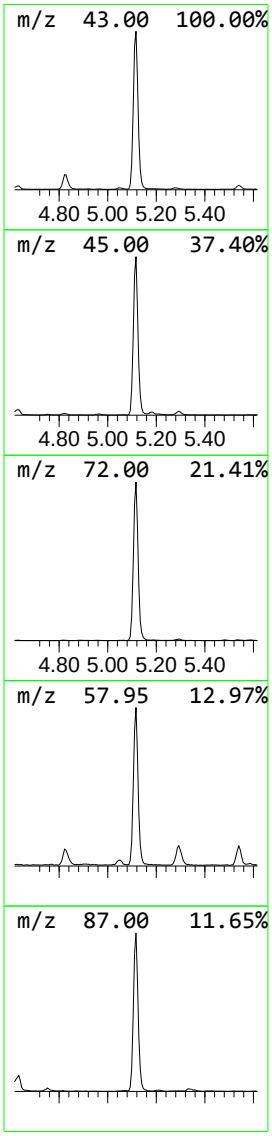
****

Peak Number 2 1-Methoxy-2-propyl acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	28.07 ng	1251910	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	74
2	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	35
3	2-Butanone	72	C4H8O	000078-93-3	32
4	Ethanol, 2-methoxy-, acetate	118	C5H10O3	000110-49-6	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

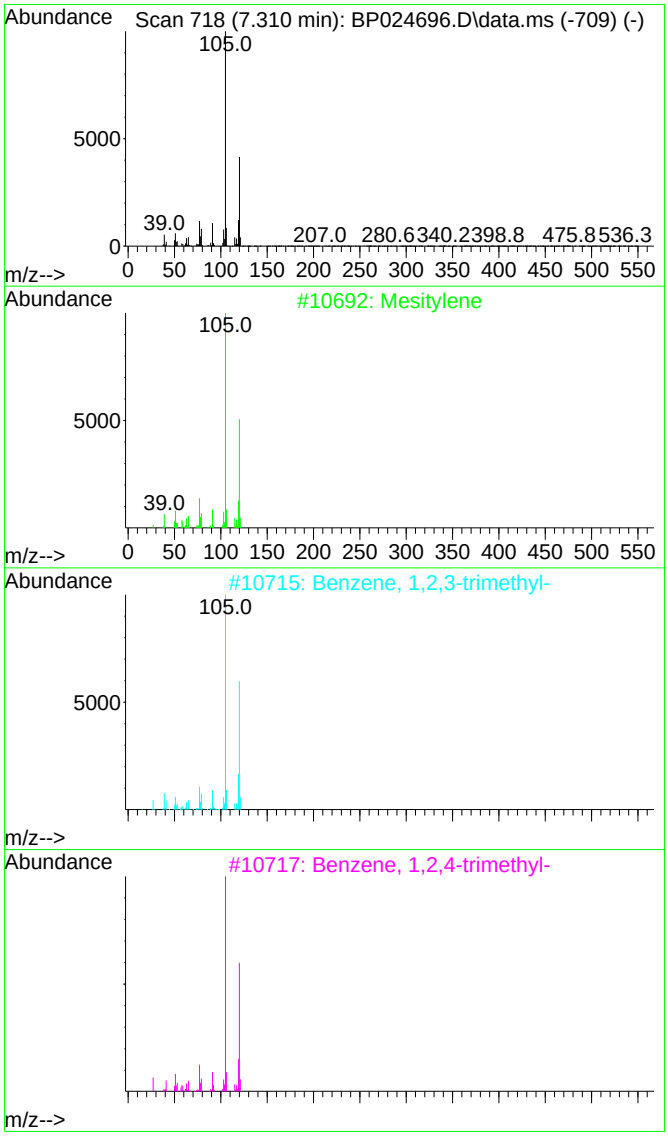
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

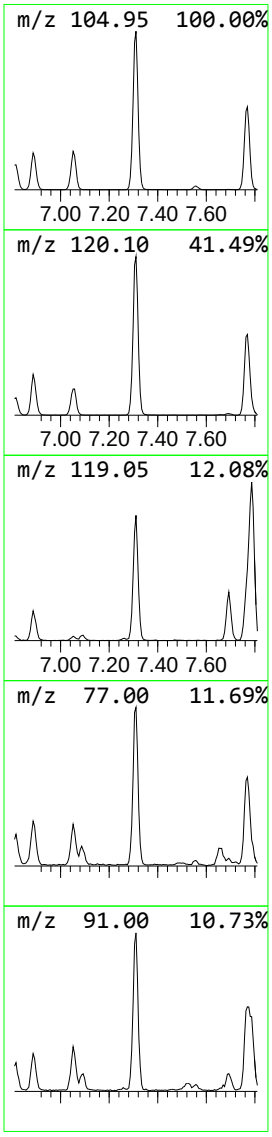
****

Peak Number 3 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.310	18.17 ng	810234	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

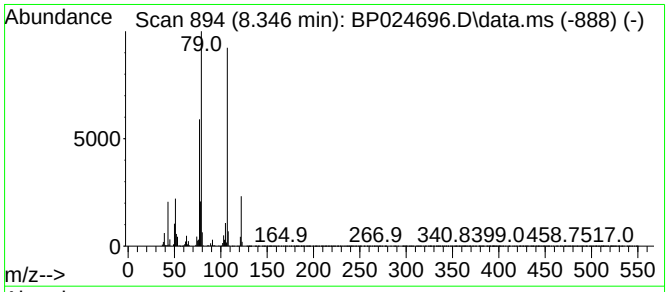
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

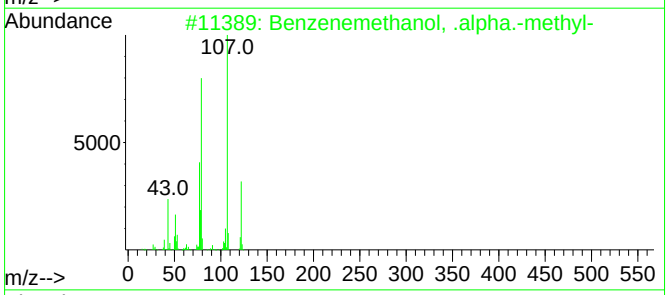
****

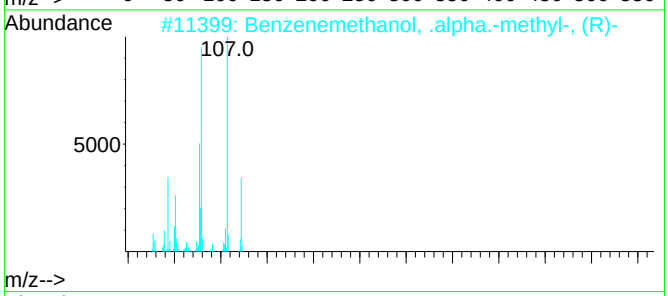
Peak Number 4 Benzenemethanol, .alpha.-me... Concentration Rank 2

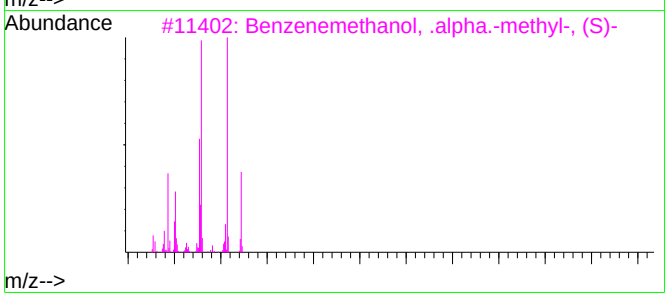
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.346	78.52 ng	3501810	1,4-Dichlorobenzene-d4	7.657

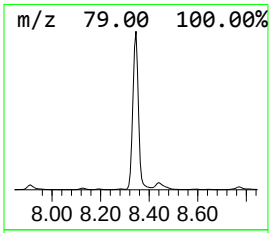
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	97
2	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	95
3	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	60
4	Bicyclo[3.2.1]oct-2-ene, exo-4-(...	248	C14H16O2S	1000142-99-0	59
5	1-Hydroxy,1-phenyl-2-propanone	150	C9H10O2	1000222-86-8	59

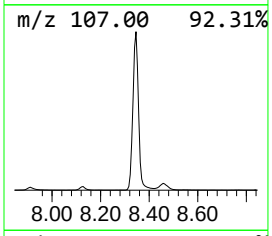


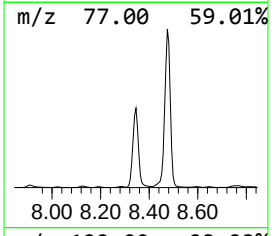


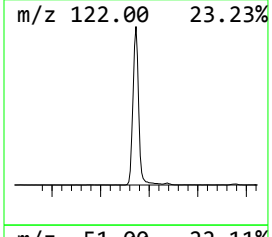


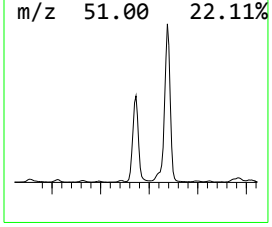












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

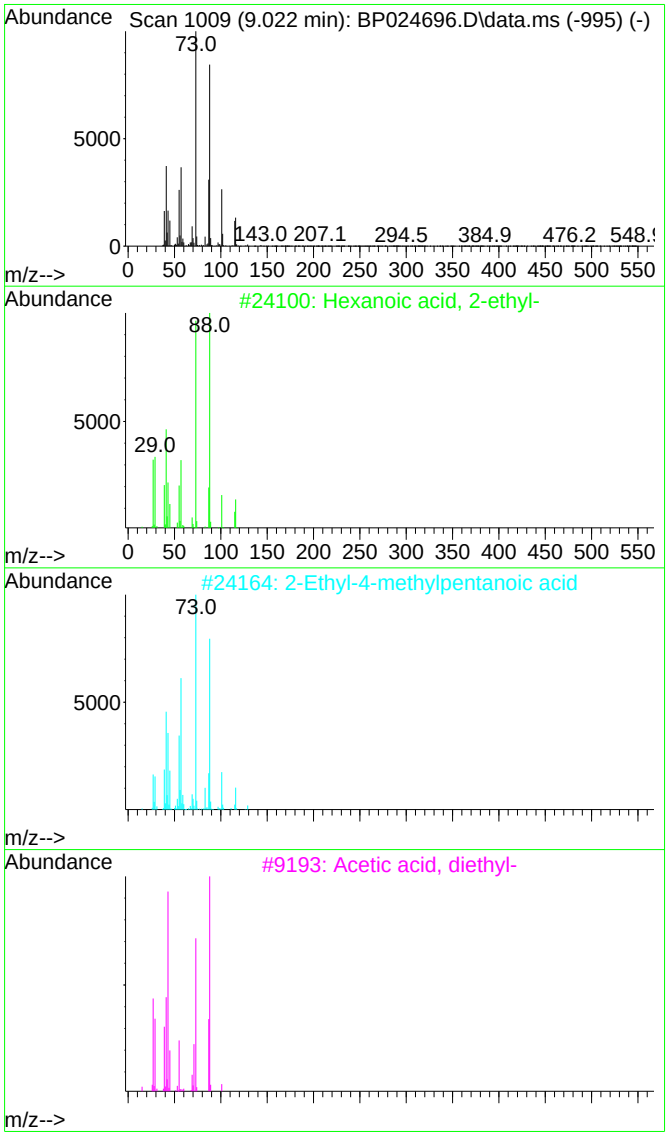
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

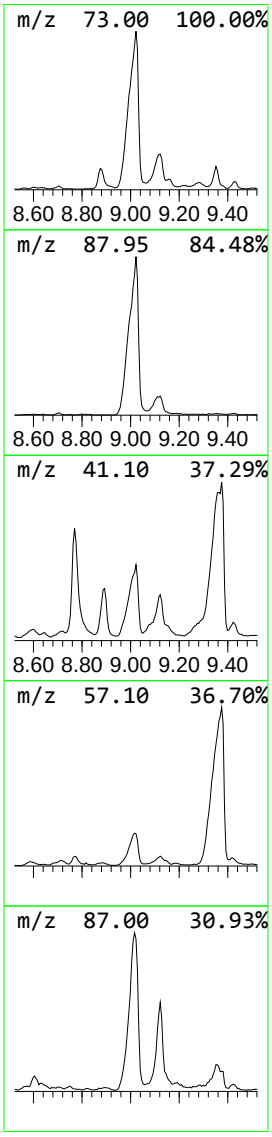
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	26.95 ng	1201810	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	53
3	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	53
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
5	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

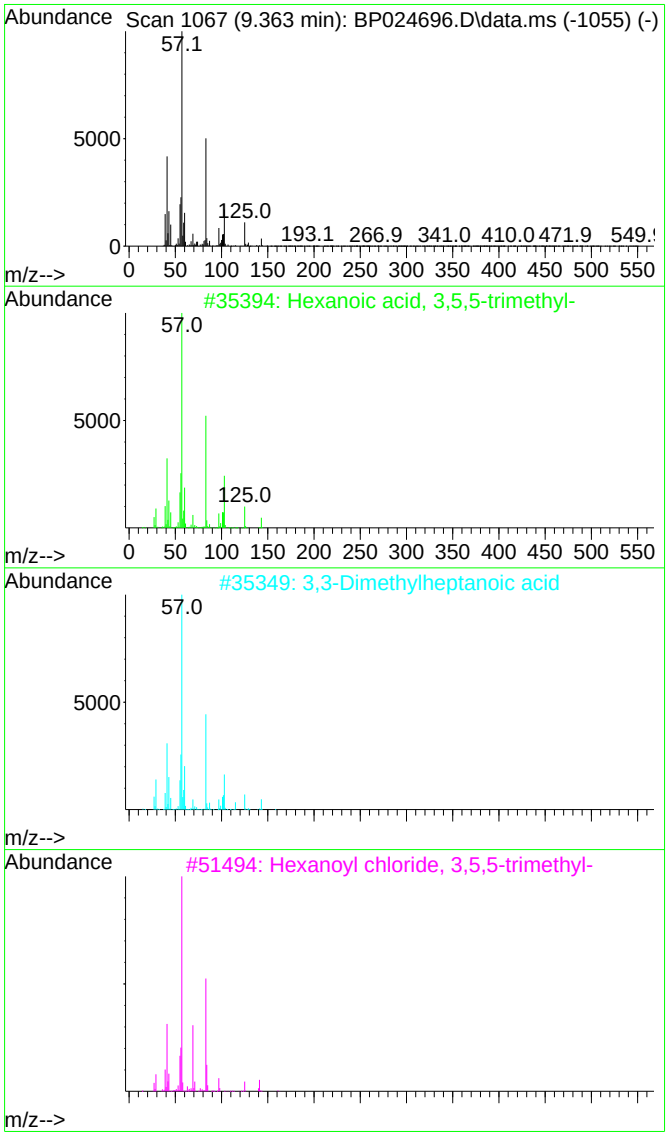
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

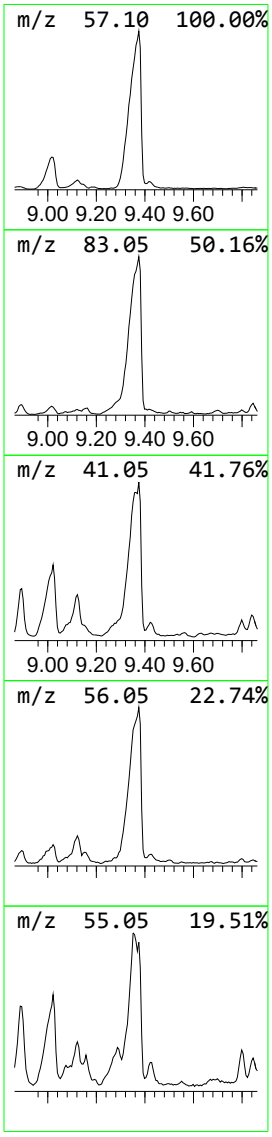
****

Peak Number 6 Hexanoic acid, 3,5,5-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	26.17 ng	1611410	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	91
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	72
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	50
4	Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	43
5	2-Butenoic acid, 2-methyl-, 2-me...	156	C9H16O2	061692-84-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

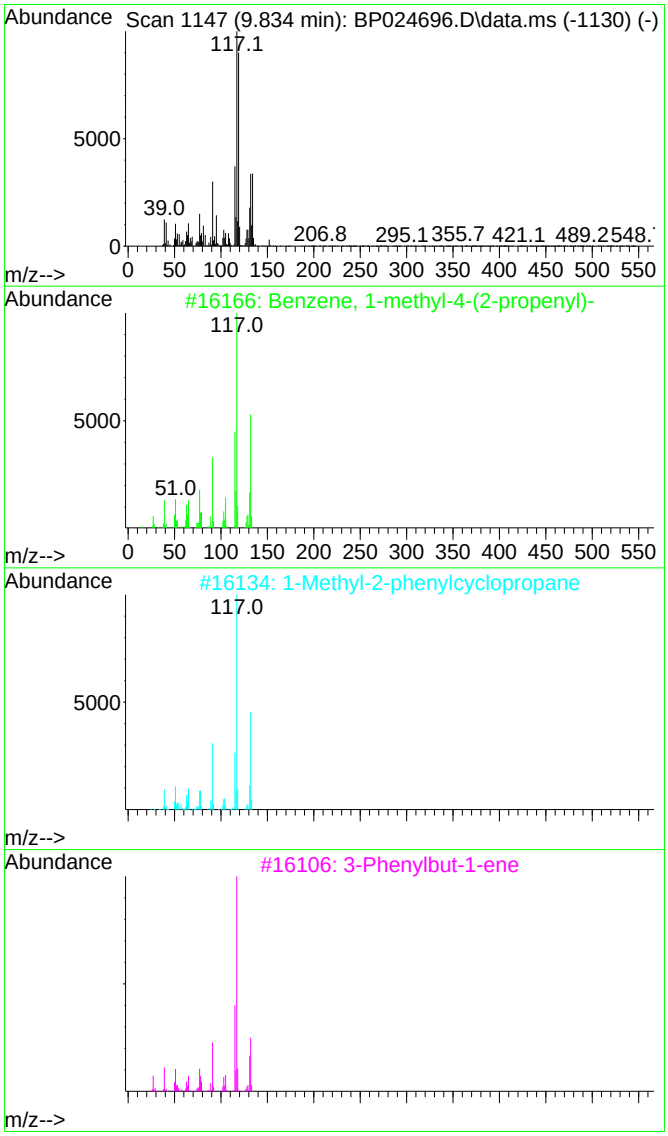
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

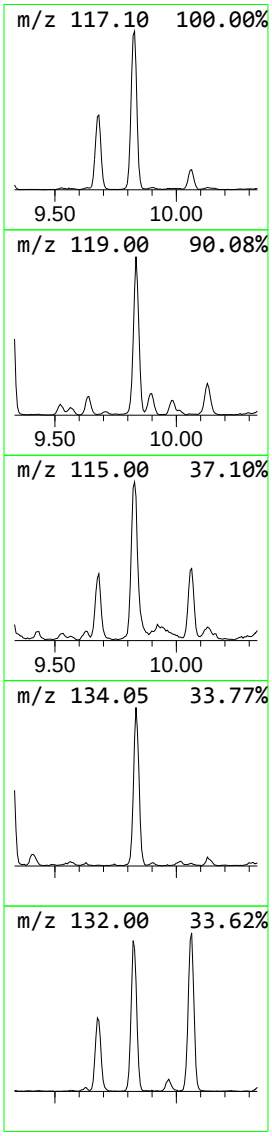
****

Peak Number 7 Benzene, 1-methyl-4-(2-prop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.834	19.68 ng	1211990	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

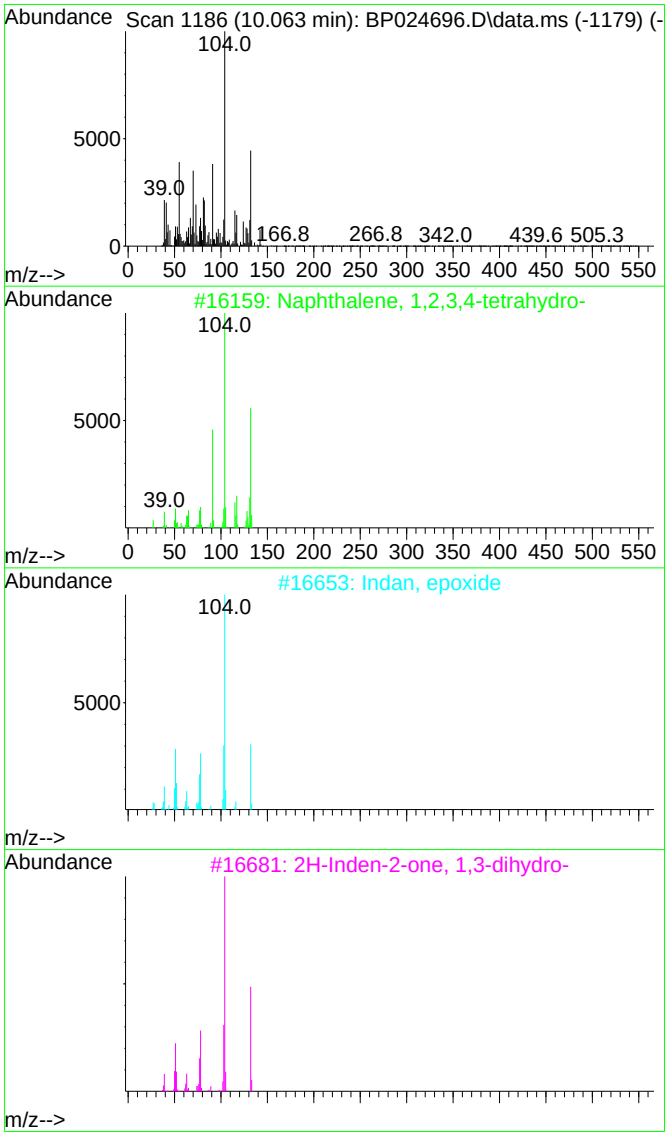
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

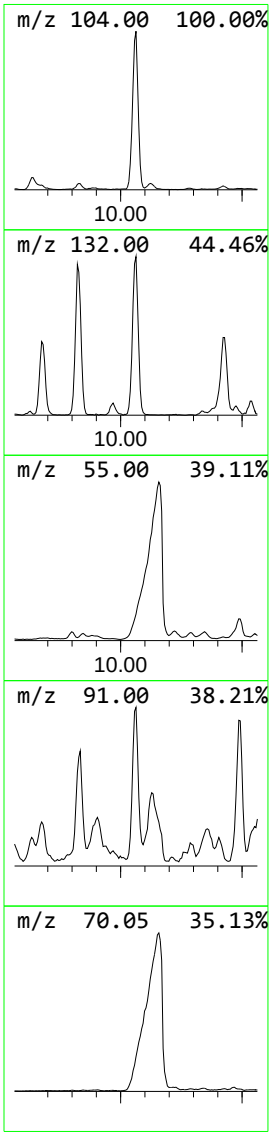
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	18.14 ng	1116920	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
2	Indan, epoxide	132	C9H8O	000768-22-9	45
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38
4	Acetic acid, trichloro-, 2-pheny...	266	C10H9Cl3O2	071965-07-6	27
5	Dichloroacetic acid, 2-phenyleth...	232	C10H10Cl2O2	209982-02-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

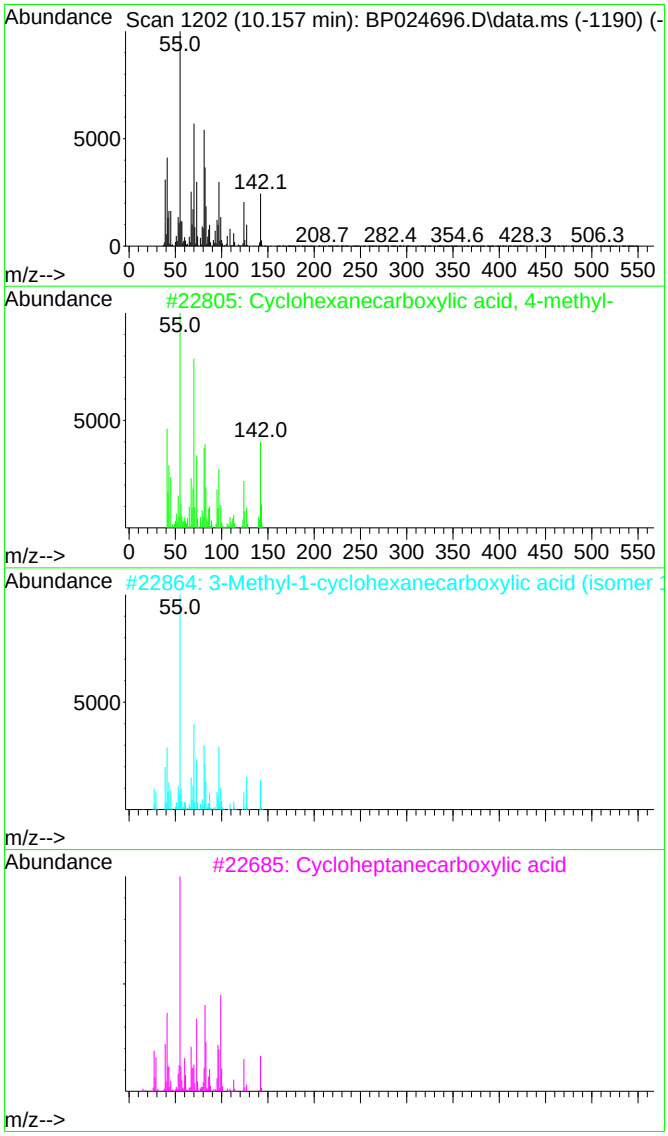
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

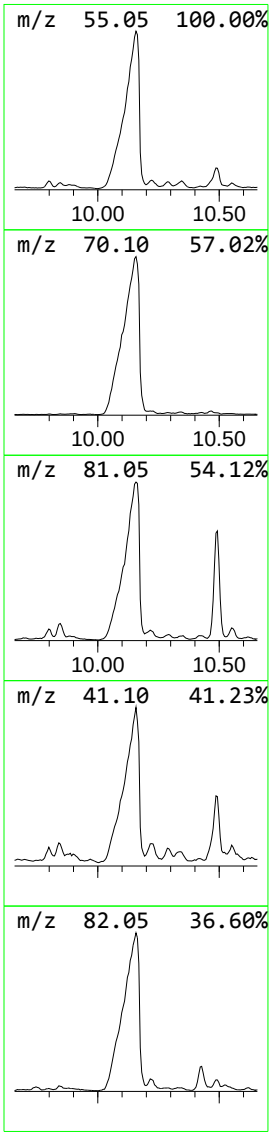
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanecarboxylic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	92.09 ng	5671060	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-me...	142	C8H14O2	004331-54-8	87
2	3-Methyl-1-cyclohexanecarboxylic...	142	C8H14O2	1000453-57-0	68
3	Cycloheptanecarboxylic acid	142	C8H14O2	001460-16-8	41
4	3-Methylcyclohexane-1-carboxylic...	142	C8H14O2	1000132-15-7	35
5	Azetidine, n-propyl-	99	C6H13N	1000288-41-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

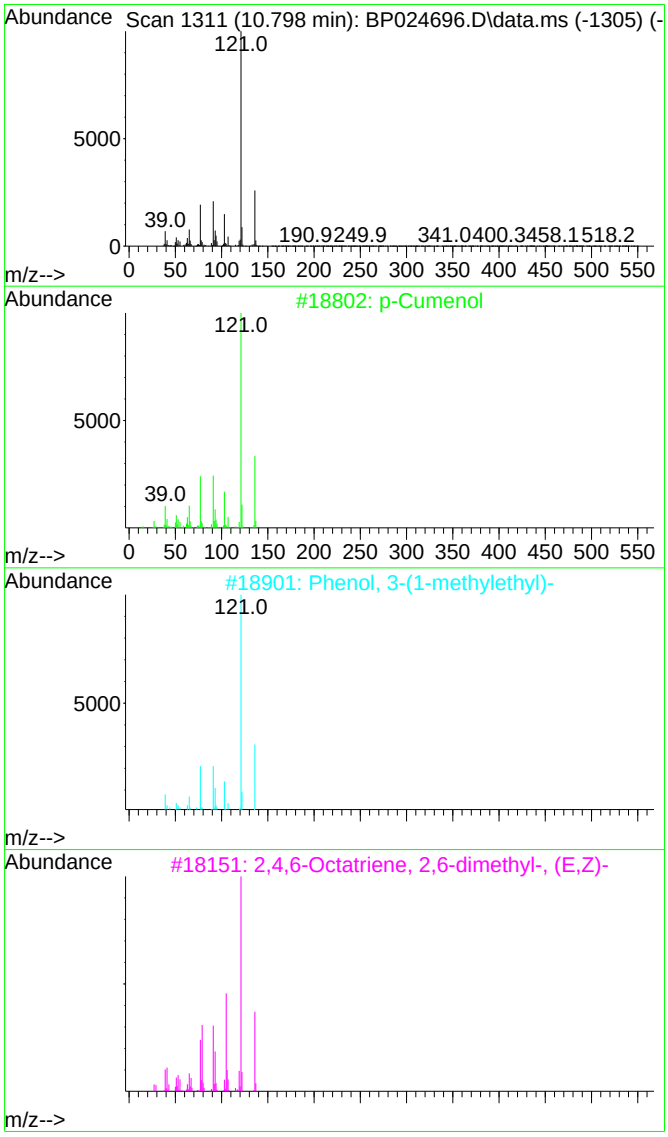
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

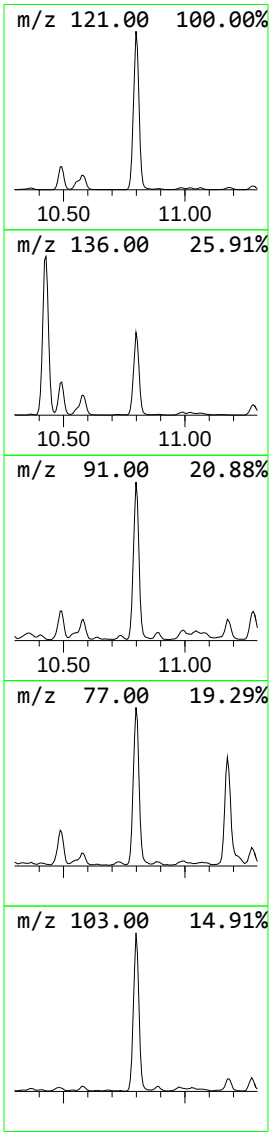
****

Peak Number 10 p-Cumenol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	52.81 ng	3252230	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cumenol	136	C9H12O	000099-89-8	96
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	94
3	2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	86
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

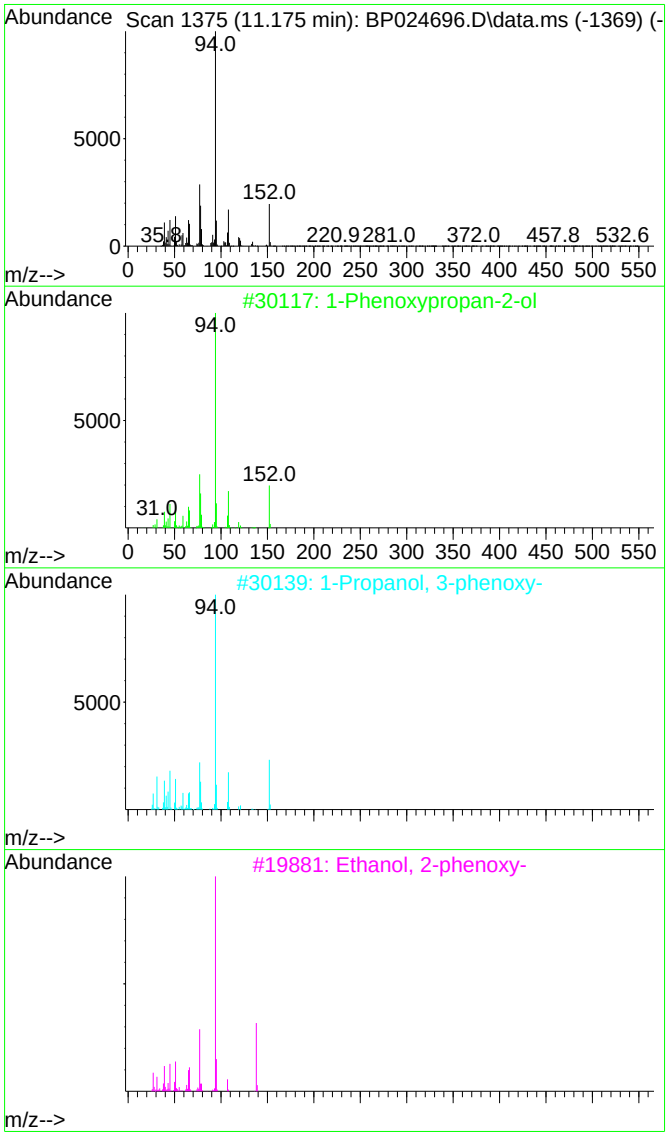
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

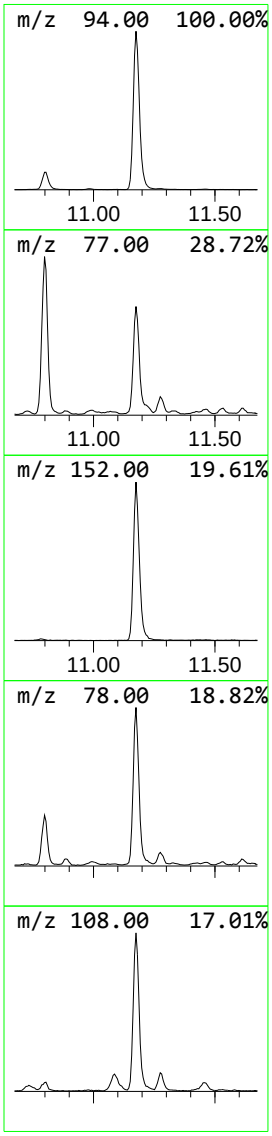
****

Peak Number 11 1-Phenoxypropan-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	31.11 ng	1915490	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	53
4	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	53
5	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

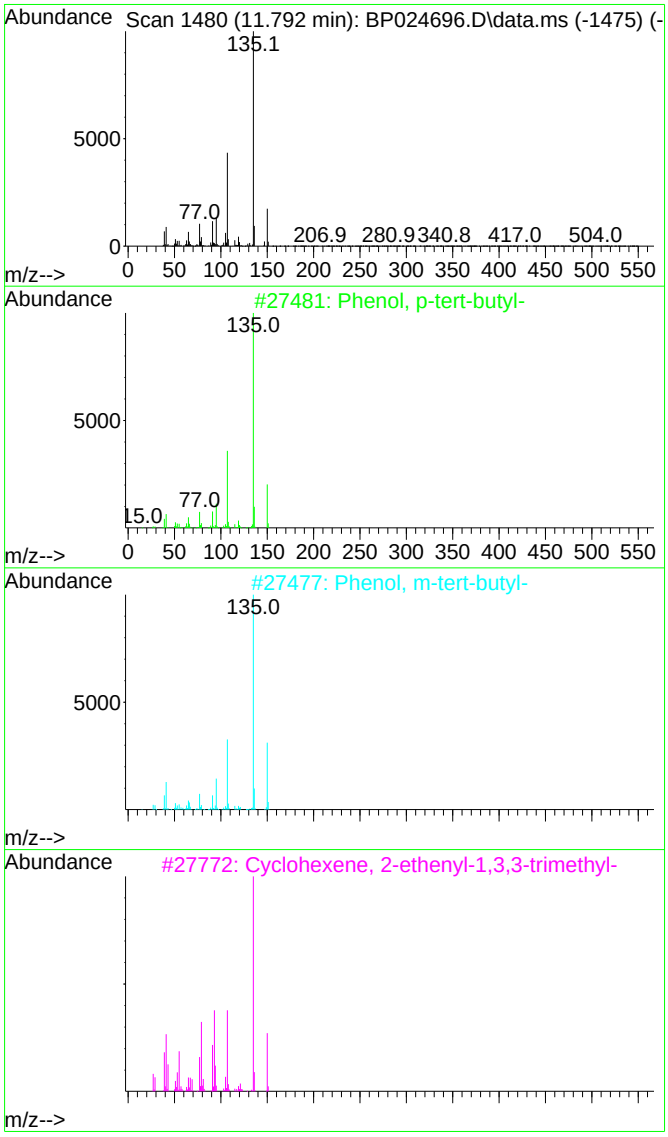
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

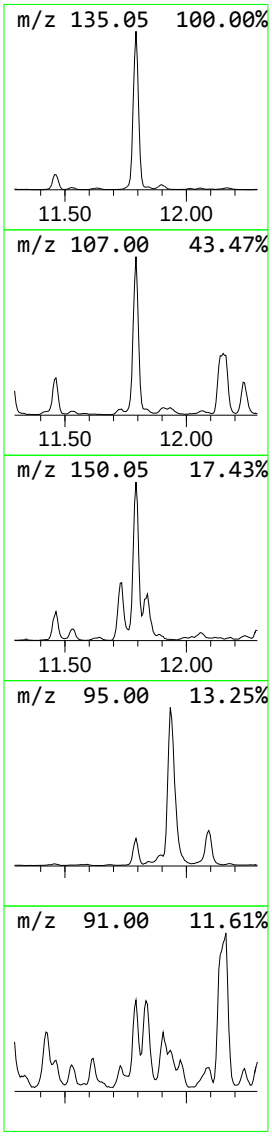
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenol, p-tert-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	17.79 ng	1095210	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	53
4	6-Fluoroindole	135	C8H6FN	000399-51-9	53
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

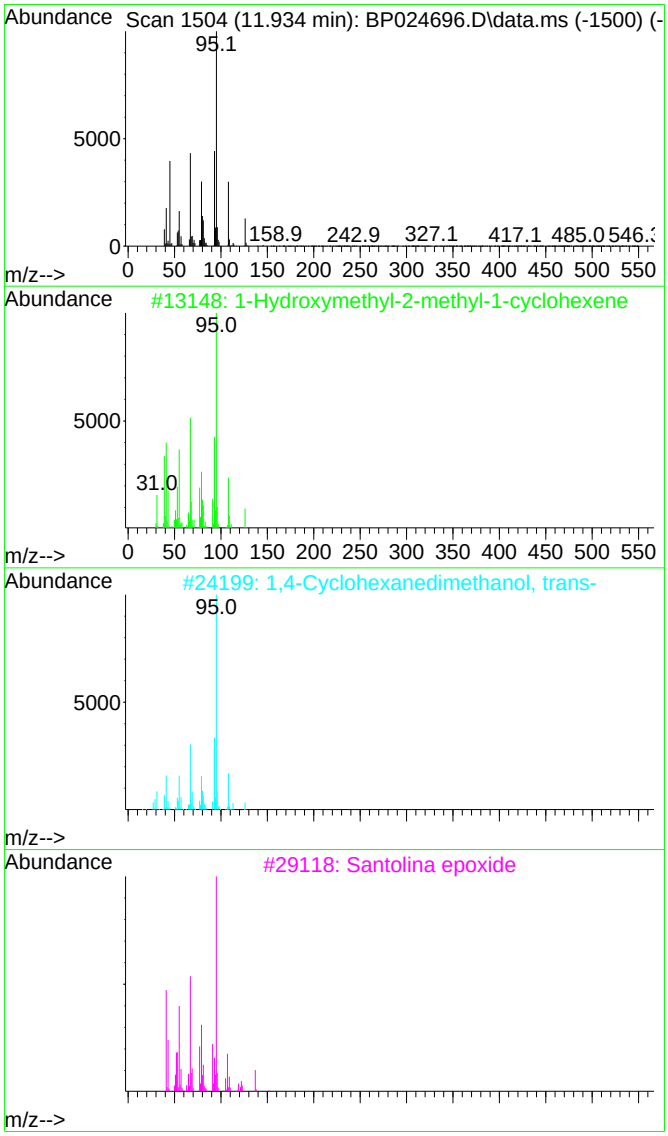
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

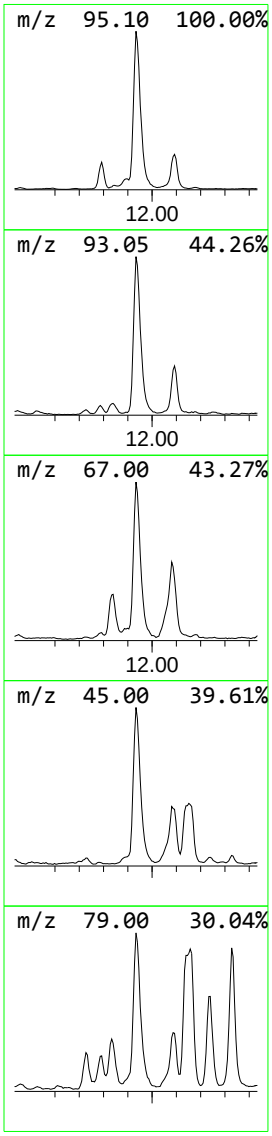
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Hydroxymethyl-2-methyl-1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.934	18.89 ng	1163060	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	91
2	1,4-Cyclohexanedimethanol, trans-	144	C8H16O2	003236-48-4	72
3	Santolina epoxide	152	C10H16O	060485-45-2	47
4	trans-1,4-Cyclohexanedimethanol,...	240	C10H15F3O3	1000385-95-3	45
5	1,4-Cyclohexanedimethanol	144	C8H16O2	000105-08-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

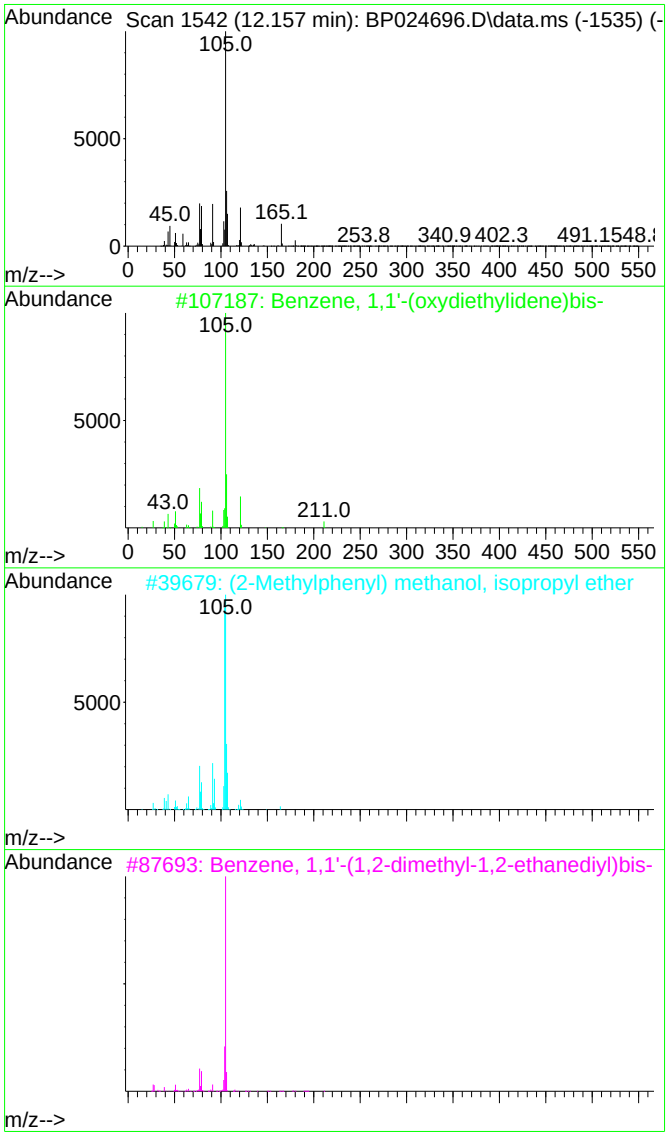
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

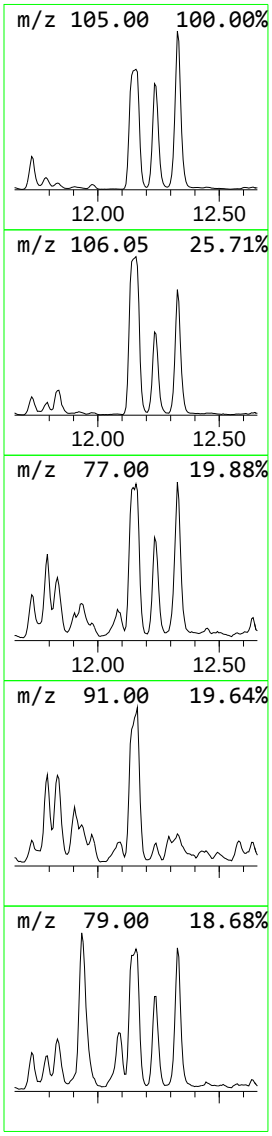
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,1'-(oxydiethylid... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	40.12 ng	2470580	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	64
2	(2-Methylphenyl) methanol, isopr...	164	C11H16O	1000374-70-4	50
3	Benzene, 1,1'-(1,2-dimethyl-1,2-...	210	C16H18	005789-35-5	43
4	(3-Methylphenyl) methanol, n-propyl	164	C11H16O	1000374-58-4	38
5	1-Phenylethanethiol, S-pentafluo...	284	C11H9F5OS	1000469-38-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

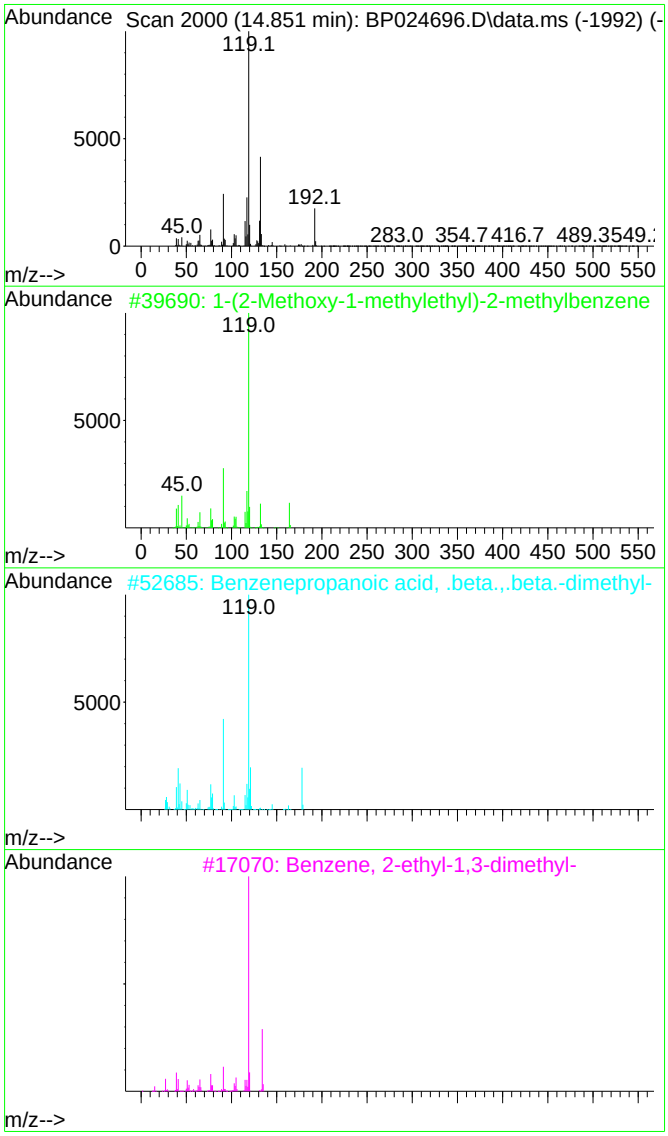
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

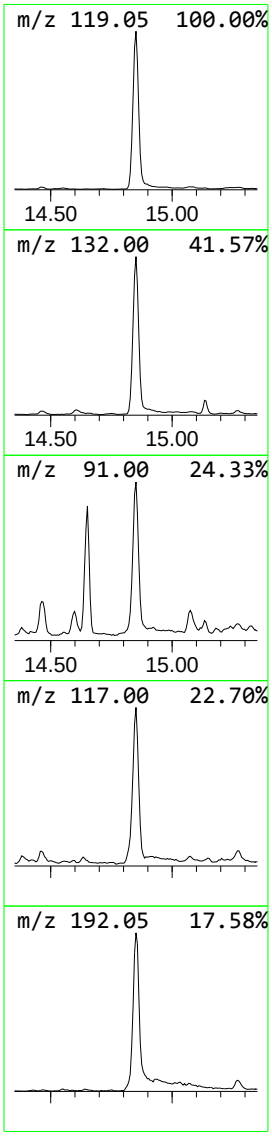
****

Peak Number 15 unknown14.851 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	16.87 ng	1813720	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	47
2	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	47
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
5	o-Cymene	134	C10H14	000527-84-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

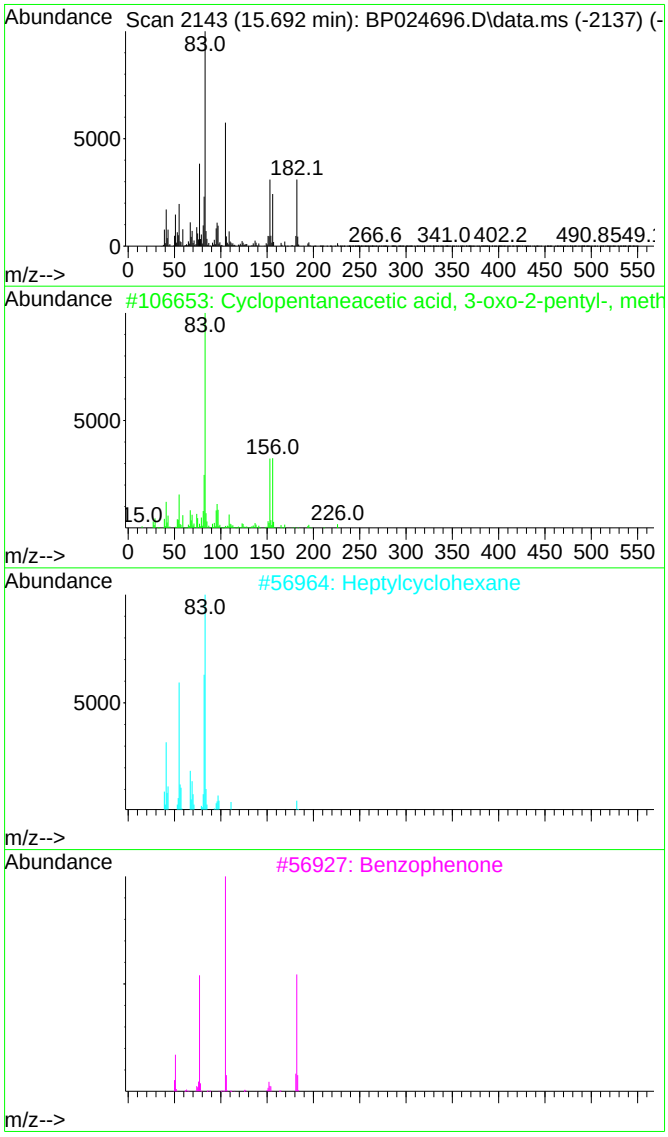
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

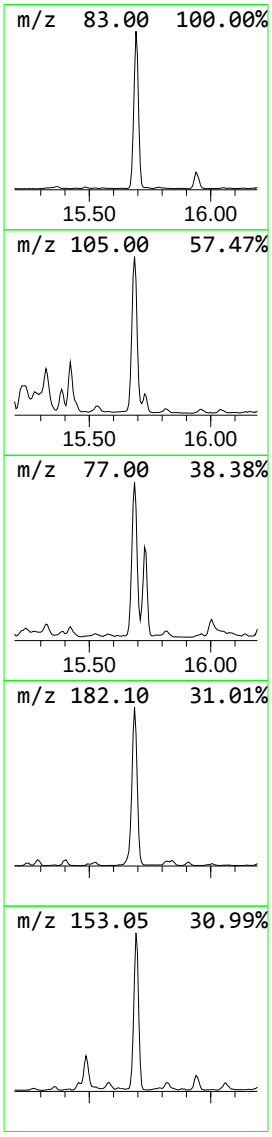
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopentaneacetic acid, 3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	20.69 ng	2224520	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentaneacetic acid, 3-oxo-2...	226	C13H22O3	024851-98-7	95
2	Heptylcyclohexane	182	C13H26	005617-41-4	43
3	Benzophenone	182	C13H10O	000119-61-9	35
4	N-(3-Piperidinyl)propanamide, N'...	226	C12H22N2O2	1000469-85-0	35
5	But-2-enoylamide, 3-methyl-N-(2-...	273	C18H27NO	1000451-25-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

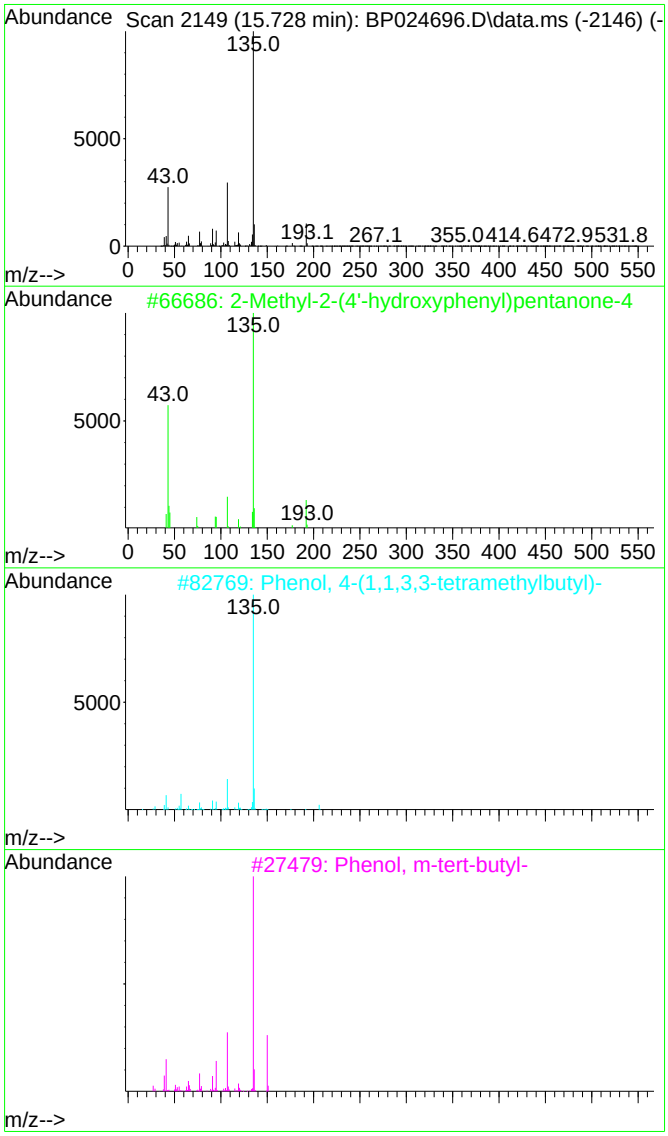
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

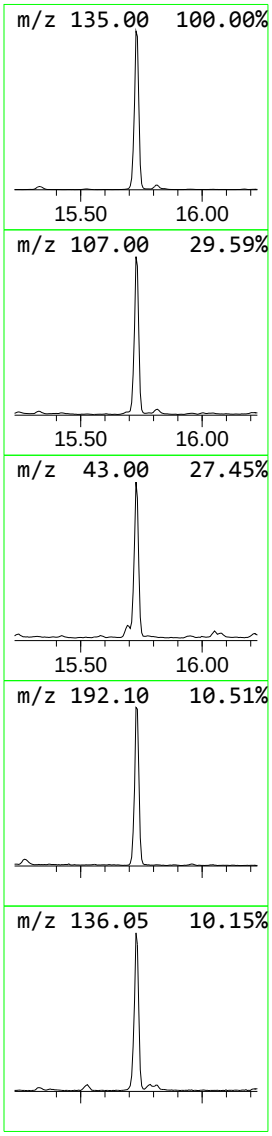
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Methyl-2-(4'-hydroxypheny... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	28.66 ng	2955810	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
5	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

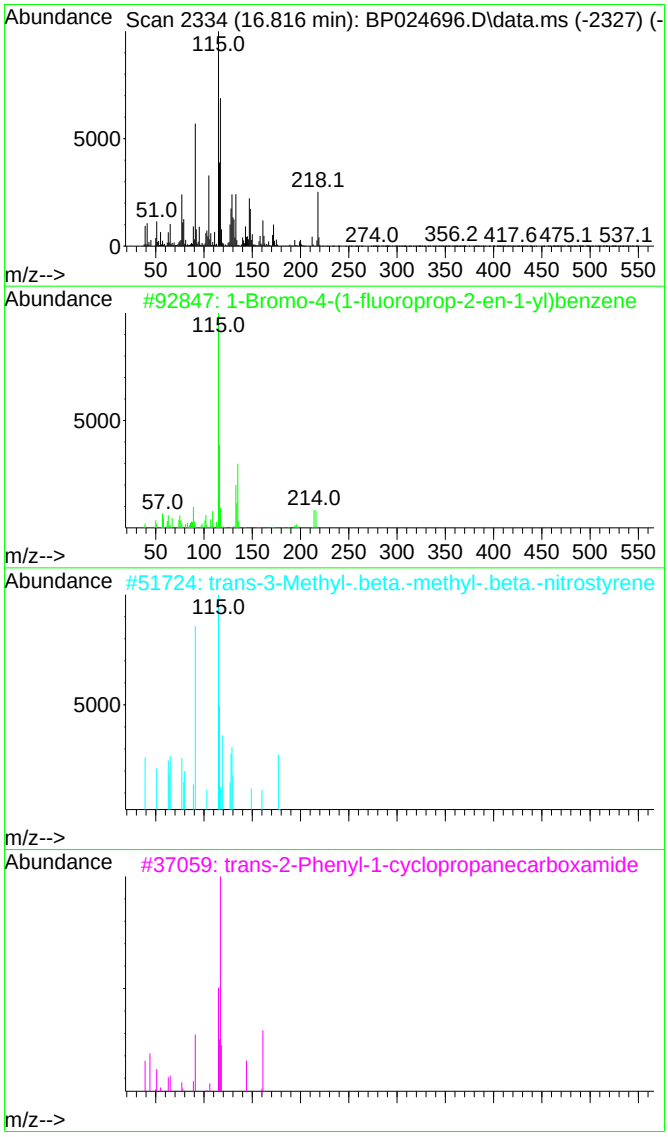
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

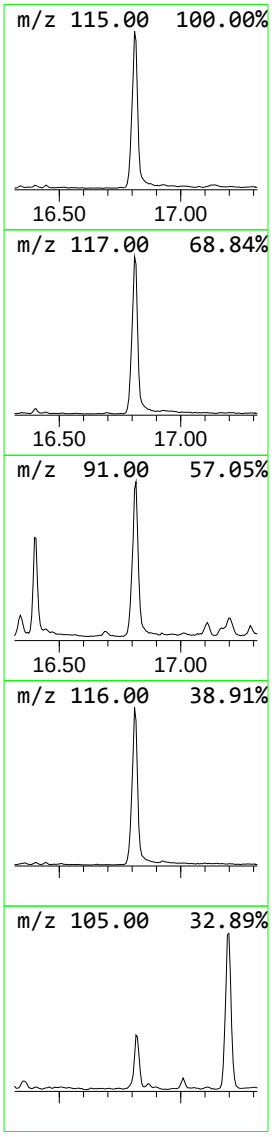
****

Peak Number 18 unknown16.816 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.816	30.02 ng	3095930	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-4-(1-fluoroprop-2-en-1-y...	214	C9H8BrF	1000466-39-7	43
2	trans-3-Methyl-.beta.-methyl-.be...	177	C10H11NO2	147102-55-4	27
3	trans-2-Phenyl-1-cyclopropanecar...	161	C10H11NO	1010072-84-3	18
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	18
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

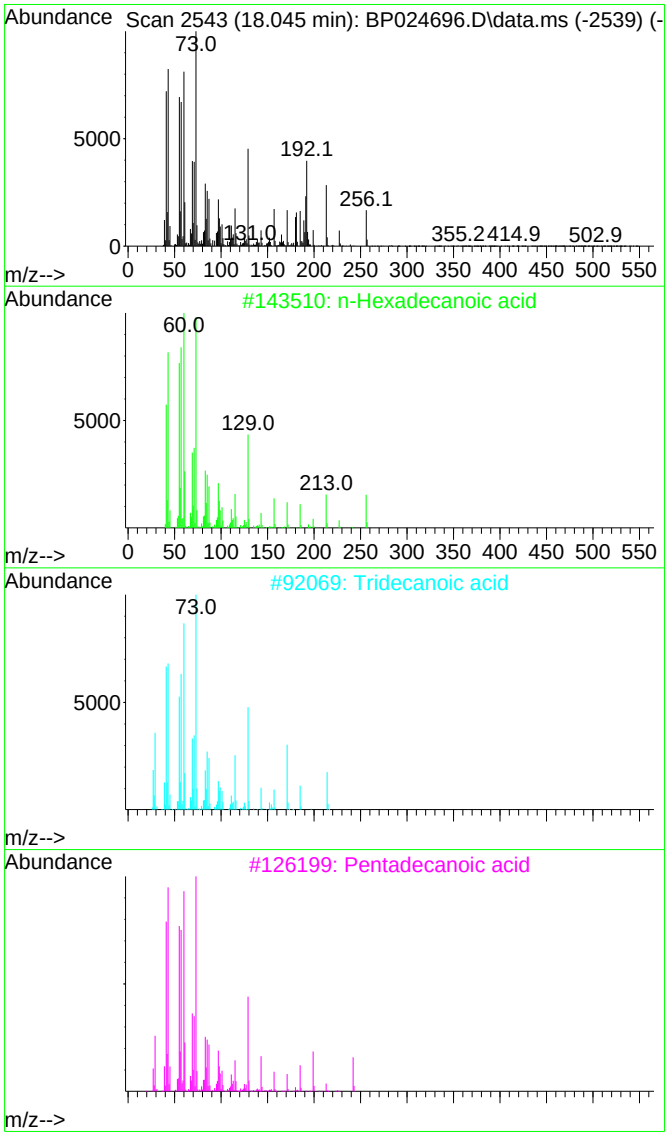
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

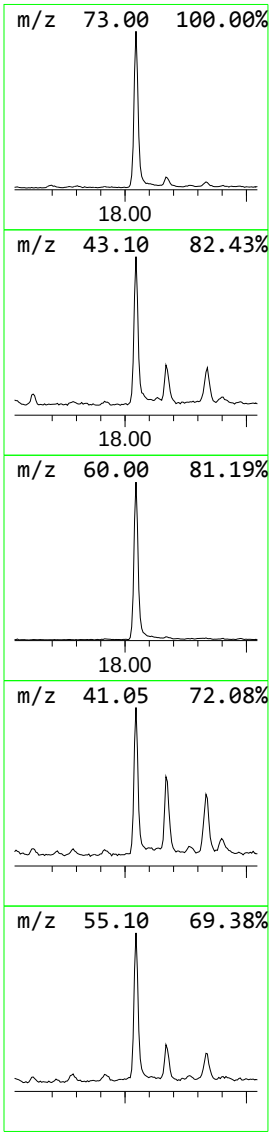
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	16.88 ng	1741370	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

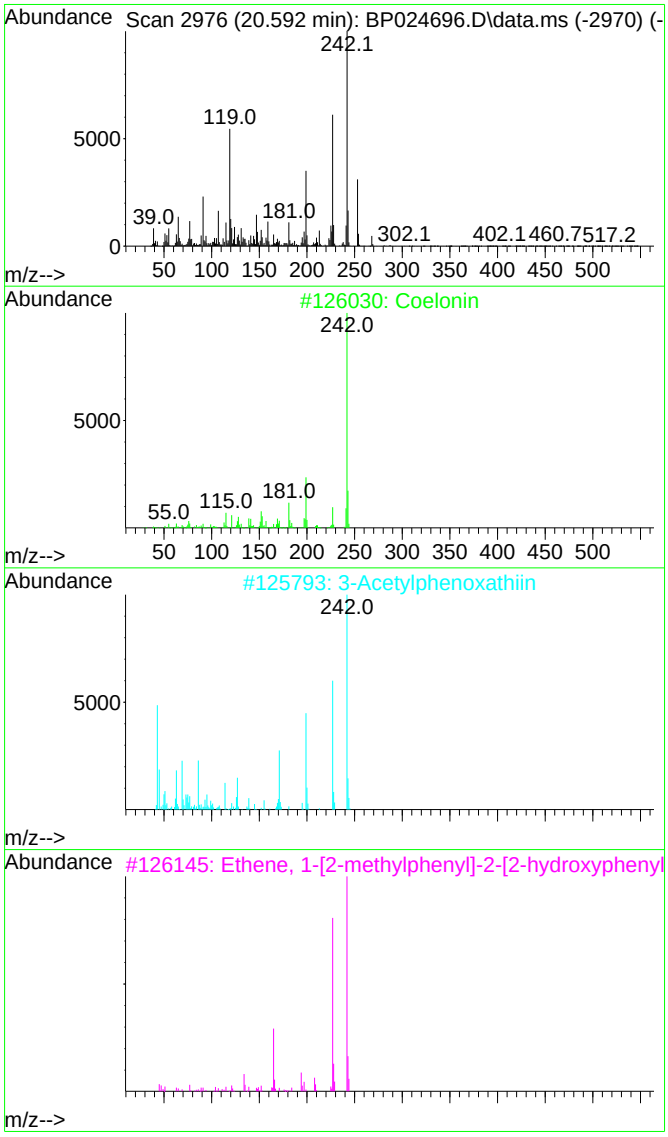
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

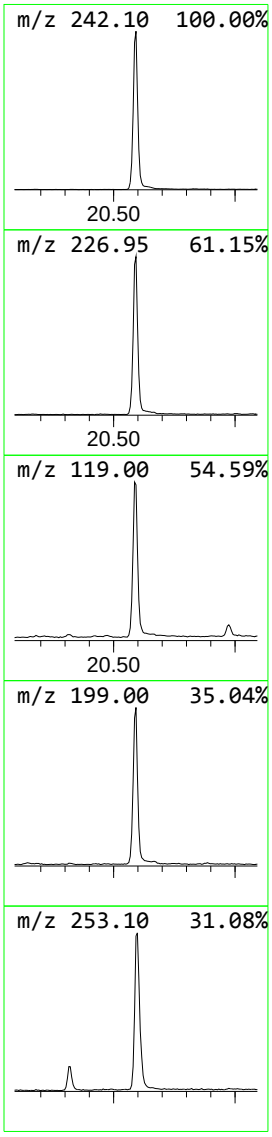
****

Peak Number 20 Coelonin Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.592	19.19 ng	2744410	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coelonin	242	C15H14O3	082344-82-9	83
2	3-Acetylphenoxathiin	242	C14H10O2S	177937-77-8	52
3	Ethene, 1-[2-methylphenyl]-2-[2-...	242	C15H14OS	1000132-66-7	46
4	Triphenylene, 1-methyl-	242	C19H14	002871-91-2	42
5	Ferrocene, 1,1'-diethyl-	242	C14H18Fe	001273-97-8	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl...	3.522	31.9	ng	1422270	1	7.657	891898	20.0
1-Methoxy-2-pro...	5.116	28.1	ng	1251910	1	7.657	891898	20.0
Mesitylene	7.310	18.2	ng	810234	1	7.657	891898	20.0
Benzenemethanol...	8.346	78.5	ng	3501810	1	7.657	891898	20.0
Hexanoic acid, ...	9.022	26.9	ng	1201810	1	7.657	891898	20.0
Hexanoic acid, ...	9.363	26.2	ng	1611410	2	10.428	1231580	20.0
Benzene, 1-meth...	9.834	19.7	ng	1211990	2	10.428	1231580	20.0
Naphthalene, 1,...	10.063	18.1	ng	1116920	2	10.428	1231580	20.0
Cyclohexanecarb...	10.157	92.1	ng	5671060	2	10.428	1231580	20.0
p-Cumenol	10.798	52.8	ng	3252230	2	10.428	1231580	20.0
1-Phenoxypropan...	11.175	31.1	ng	1915490	2	10.428	1231580	20.0
Phenol, p-tert-...	11.792	17.8	ng	1095210	2	10.428	1231580	20.0
1-Hydroxymethyl...	11.934	18.9	ng	1163060	2	10.428	1231580	20.0
Benzene, 1,1'-(...	12.157	40.1	ng	2470580	2	10.428	1231580	20.0
unknown14.851	14.851	16.9	ng	1813720	3	14.298	2150430	20.0
Cyclopentaneace...	15.692	20.7	ng	2224520	3	14.298	2150430	20.0
2-Methyl-2-(4'-...	15.727	28.7	ng	2955810	4	17.098	2062710	20.0
unknown16.816	16.816	30.0	ng	3095930	4	17.098	2062710	20.0
n-Hexadecanoic ...	18.045	16.9	ng	1741370	4	17.098	2062710	20.0
Coelonin	20.592	19.2	ng	2744410	5	21.533	2860900	20.0