LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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: BP024717.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	366	375	379	rVV	1051557	1654353	18.68%	1.532%
2	5.334	379	382	392	rVB	217647	473421	5.34%	0.439%
3	5.699	436	444	450	rBV	194393	296814	3.35%	0.275%
4	6.752	612	623	628	rVV	176821	288645	3.26%	0.267%
5	6.864	637	642	660	rVB2	547600	1235142	13.94%	1.144%
6	7.052	668	674	678	rBV	217256	331240	3.74%	0.307%
7	7.305	707	717	724	rVB	167826	276371	3.12%	0.256%
8	7.652	766	776	781	rBV	473737	813076	9.18%	0.753%
9	7.763	785	795	803	rVV2	330704	660764	7.46%	0.612%
10	8.016	832	838	844	rBV	228159	347587	3.92%	0.322%
11	8.440	898	910	913	rBV2	153635	339164	3.83%	0.314%
12	8.746	957	962	966	rBV	188312	265744	3.00%	0.246%
13	8.805	966	972	979	rBV	1311141	2263979	25.56%	2.097%
14	9.081	1012	1019	1022	rBV4	178198	418140	4.72%	0.387%
15	9.387	1053	1071	1076	rVV2	796891	3062830	34.58%	2.837%
16	9.828	1140	1146	1153	rVB2	387849	684237	7.72%	0.634%
17	10.057	1179	1185	1188	rBV	385112	706907	7.98%	0.655%
18	10.181	1189	1206	1211	rVB	1391257	5378106	60.71%	4.982%
19	10.422	1237	1247	1252	rVV	621932	1262795	14.26%	1.170%
20	10.793	1304	1310	1317	rVV	854998	1357161	15.32%	1.257%
21	11.028	1341	1350	1355	rVV6	194078	502337	5.67%	0.465%
22	11.169	1365	1374	1380	rBV	414243	794203	8.97%	0.736%
23	11.275	1387	1392	1398	rBV7	124470	327828	3.70%	0.304%
24	11.334	1399	1402	1407	rVB4	177356	255147	2.88%	0.236%
25	11.451	1415	1422	1428	rBV5	288001	546625	6.17%	0.506%
26	11.522	1428	1434	1439	rVB2	242171	421539	4.76%	0.390%
27	11.610	1445	1449	1454	rBV	217041	347957	3.93%	0.322%
28	11.787	1473	1479	1484	rVV	715413	1309408	14.78%	1.213%
29	11.834	1484	1487	1494	rVB5	214837	382981	4.32%	0.355%
30	11.969	1502	1510	1515	rVB3	169161	416315	4.70%	0.386%
31	12.157	1532	1542	1548	rVV3	436063	1185493	13.38%	1.098%
32	12.228	1551	1554	1561	rVB	192092	326793	3.69%	0.303%
33	12.304	1561	1567	1577	rBV3	596782	1303063	14.71%	1.207%
34	12.622	1613	1621	1625	rBV3	186821	392421	4.43%	0.364%
35	12.898	1661	1668	1675	rVB	3912044	5582234	63.02%	5.171%
36	13.116	1690	1705	1713	rBV4	1110859	3181840	35.92%	2.947%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VACTRUCK-728068

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	13.216	1719	1722	1730	rVB	187889	299397	3.38%	0.277%
38	13.440	1755	1760	1771	rVB4	145721	385180	4.35%	0.357%
39	13.598	1783	1787	1792	rBV2	143597	275285	3.11%	0.255%
40	13.698	1800	1804	1808	rVB	336819	451177	5.09%	0.418%
41	13.875	1830	1834	1840	rVB	219076	330052	3.73%	0.306%
42	14.004	1851	1856	1860	rBV	390380	661708	7.47%	0.613%
43	14.187	1884	1887	1891	rVB	198376	247102	2.79%	0.229%
44	14.287	1895	1904	1910	rBV	1138061	2079155	23.47%	1.926%
45	14.457	1929	1933	1939	rVB	314706	465457	5.25%	0.431%
46	14.822	1991	1995	2003	rVB2	164915	296382	3.35%	0.275%
47	15.669	2133	2139	2142	rBV	602857	949134	10.71%	0.879%
48	15.704	2142	2145	2153	rVB	1624693	2169758	24.49%	2.010%
49	15.810	2156	2163	2171	rVB	3929987	5859086	66.14%	5.427%
50	16.028	2196	2200	2203	rBV	336041	494124	5.58%	0.458%
51	16.069	2204	2207	2216	rVB	367469	608846	6.87%	0.564%
52	16.198	2224	2229	2234	rBV2	510240	720559	8.13%	0.667%
53	16.310	2244	2248	2251	rBV3	182292	301482	3.40%	0.279%
54	16.387	2257	2261	2265	rBV	222361	258379	2.92%	0.239%
55	16.657	2305	2307	2312	rVB	323182	369694	4.17%	0.342%
56	16.798	2324	2331	2335	rBV	1184263	1674773	18.91%	1.551%
57	16.845	2335	2339	2343	rVV	252291	353405	3.99%	0.327%
58	16.892	2343	2347	2352	rVB	301760	425951	4.81%	0.395%
59	16.981	2357	2362	2369	rVB	1019404	1269012	14.33%	1.176%
60	17.086	2374	2380	2387	rVV2	1741446	3298673	37.24%	3.056%
61	17.151	2387	2391	2394	rVV	971148	1240444	14.00%	1.149%
62	17.181	2394	2396	2404	rVV	369131	606436	6.85%	0.562%
63	17.257	2405	2409	2418	rVB	980750	1195008	13.49%	1.107%
64	17.469	2440	2445	2449	rBV2	1474644	1996102	22.53%	1.849%
65	17.598	2462	2467	2473	rVB2	282722	486883	5.50%	0.451%
66	17.775	2491	2497	2501	rBV	3098086	3853410	43.50%	3.570%
67	17.828	2501	2506	2507	rBV	609997	734501	8.29%	0.680%
68	17.845	2507	2509	2513	rVB	587614	567436	6.41%	0.526%
69	17.898	2513	2518	2526	rVB	736631	985605	11.13%	0.913%
70	18.022	2534	2539	2545	rVV2	1037152	1557603	17.58%	1.443%
71	18.210	2567	2571	2575	rBV	885075	1098890	12.41%	1.018%
72	18.245	2575	2577	2585	rVB4	311810	441060	4.98%	0.409%
73	18.322	2587	2590	2595	rVB4	199397	271415	3.06%	0.251%
74	18.504	2616	2621	2624	rBV	1847473	2150909	24.28%	1.992%
75	18.539	2624	2627	2633	rVV4	314362	468190	5.29%	0.434%
76	18.610	2637	2639	2644	rVB2	272789	329122	3.72%	0.305%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VACTRUCK-728068

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	18.975	2698	2701	2704	rBV4	245147	372157	4.20%	0.345%
78	19.175	2730	2735	2738	rBV4	369361	751790	8.49%	0.696%
79	19.298	2753	2756	2760	rVB	441135	499950	5.64%	0.463%
80	19.345	2761	2764	2769	rVV3	268822	375960	4.24%	0.348%
81	19.410	2770	2775	2778	rBV3	399515	627520	7.08%	0.581%
82	19.451	2779	2782	2786	rBV4	285877	454725	5.13%	0.421%
83	19.539	2794	2797	2800	rBV3	381284	534406	6.03%	0.495%
84	19.575	2801	2803	2806	rVB2	413961	441239	4.98%	0.409%
85	19.722	2825	2828	2830	rBV2	440125	509536	5.75%	0.472%
86	19.798	2836	2841	2846	rBV	6338083	8858170	100.00%	8.206%
87	20.051	2880	2884	2888	rBV4	472209	679651	7.67%	0.630%
88	20.139	2897	2899	2902	rVB2	445542	395679	4.47%	0.367%
89	20.463	2950	2954	2961	rVB6	401256	728640	8.23%	0.675%
90	20.563	2967	2971	2979	rVB5	681768	1299295	14.67%	1.204%
91	21.222	3079	3083	3086	rBV4	285522	388922	4.39%	0.360%
92	21.286	3091	3094	3097	rBV3	492696	649906	7.34%	0.602%
93	21.474	3123	3126	3127	rBV	337712	349396	3.94%	0.324%
94	21.504	3127	3131	3141	rVB	1541614	3190446	36.02%	2.955%
95	21.757	3171	3174	3175	rBV2	328626	342704	3.87%	0.317%
96	21.869	3188	3193	3197	rBV4	349524	762162	8.60%	0.706%
97	22.110	3230	3234	3242	rVB3	595010	1012818	11.43%	0.938%
98	22.357	3274	3276	3279	rBV2	213716	290156	3.28%	0.269%
99	23.204	3417	3420	3427	rVB4	326586	485038	5.48%	0.449%
100	24.780	3681	3688	3703	rVB	915936	2332585	26.33%	2.161%

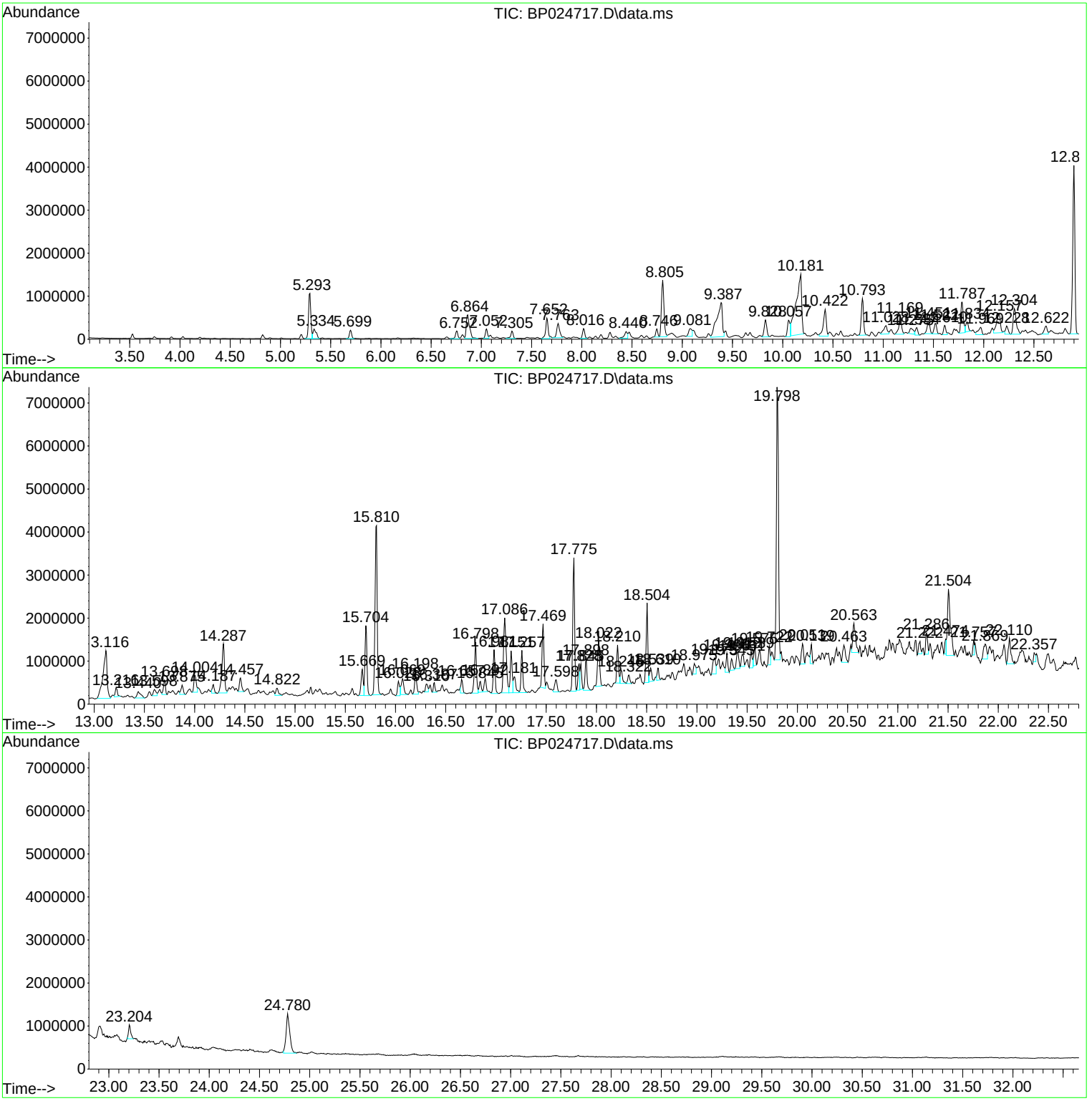
Sum of corrected areas: 107952296

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

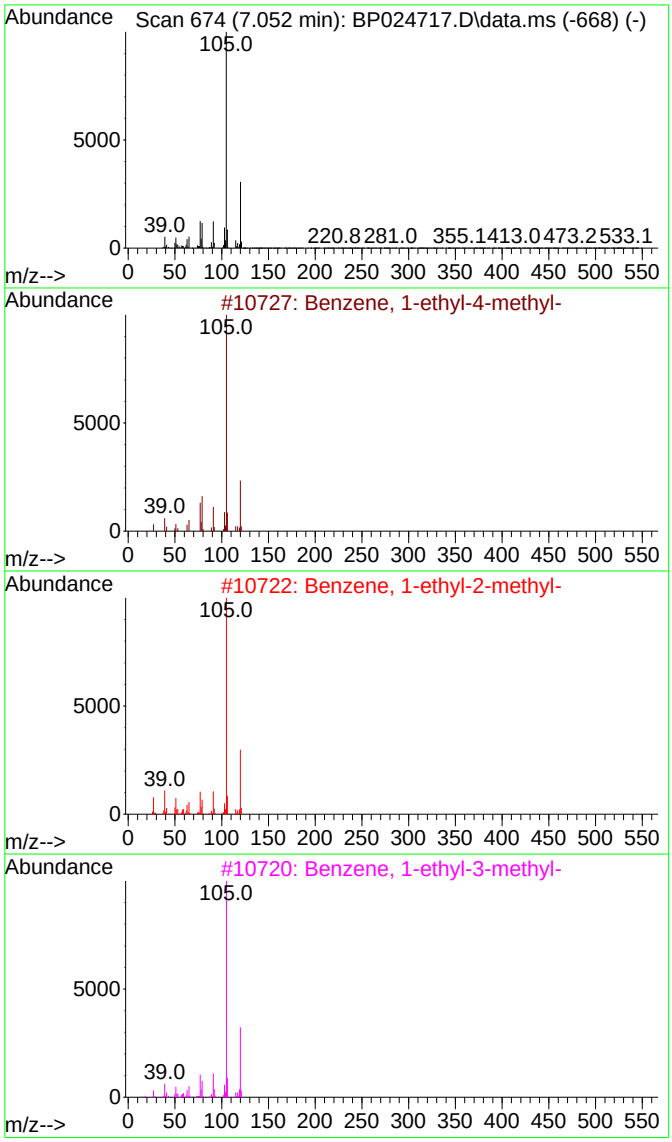
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

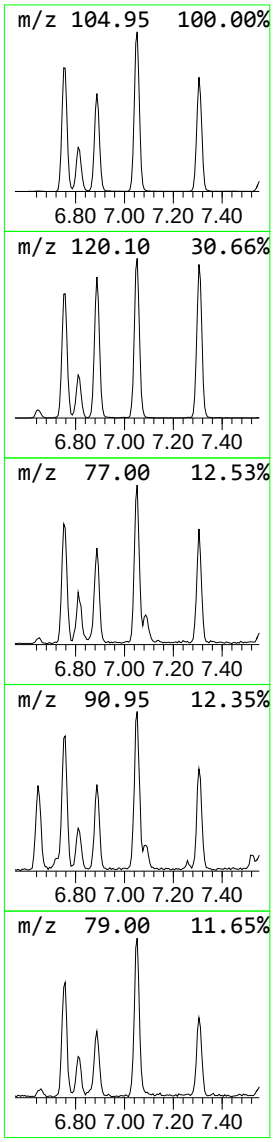
****

Peak Number 1 Benzene, 1-ethyl-4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.052	8.15 ng	331240	1,4-Dichlorobenzene-d4	7.652

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

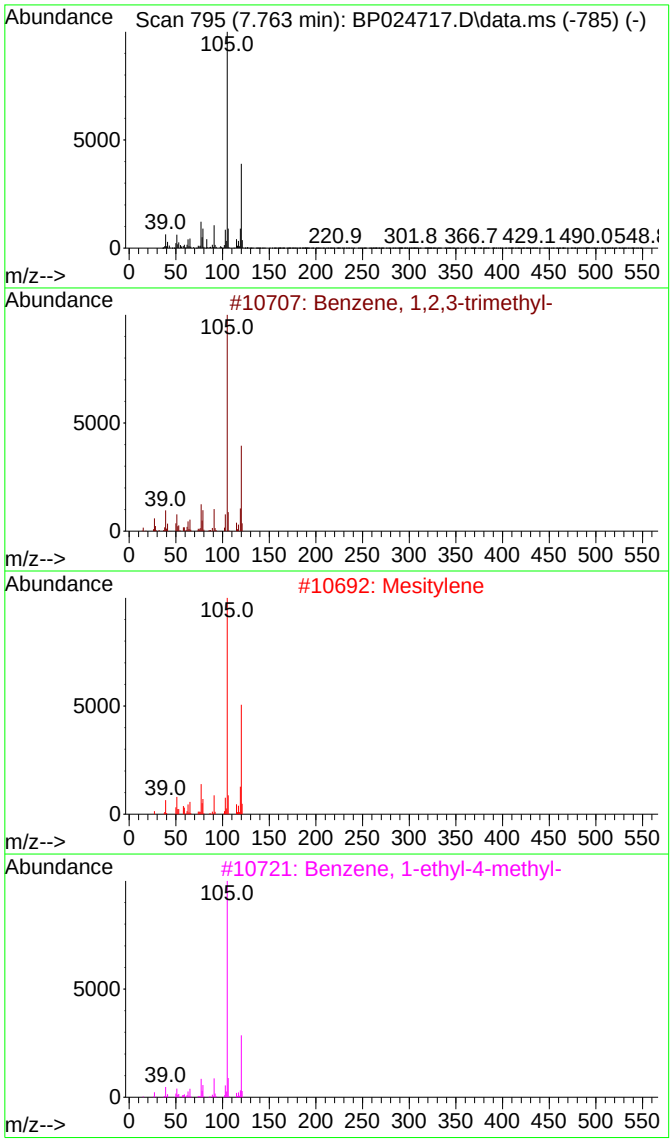
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

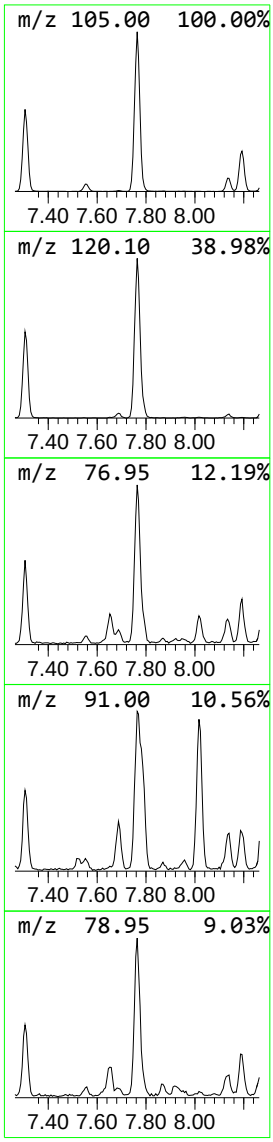
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.763	16.25 ng	660764	1,4-Dichlorobenzene-d4	7.652

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

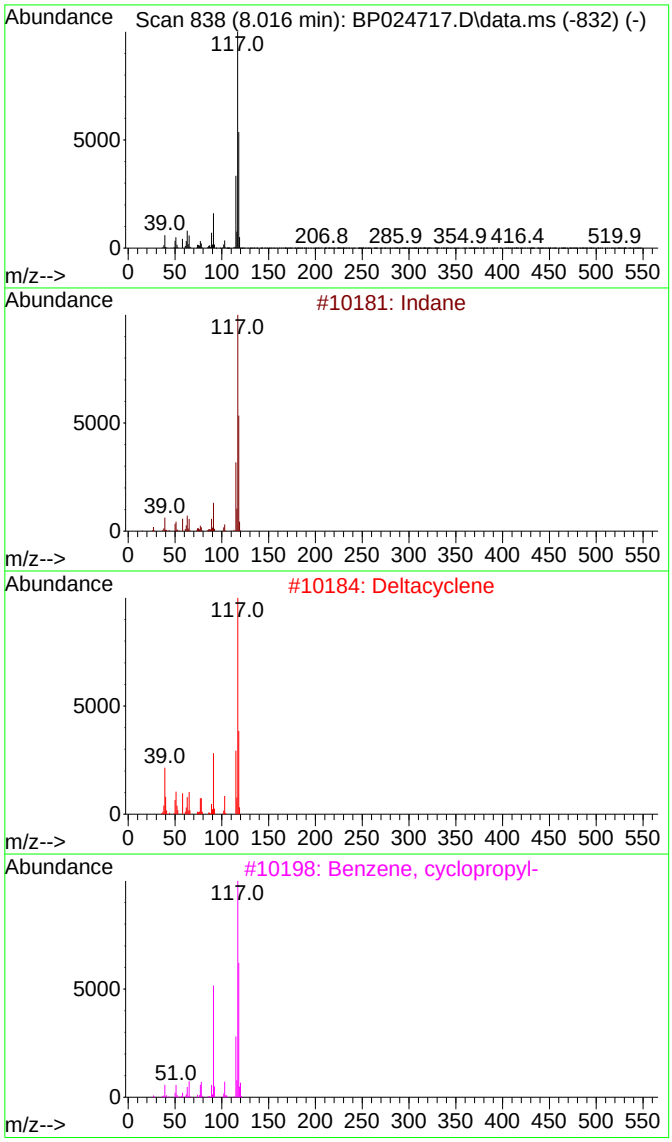
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

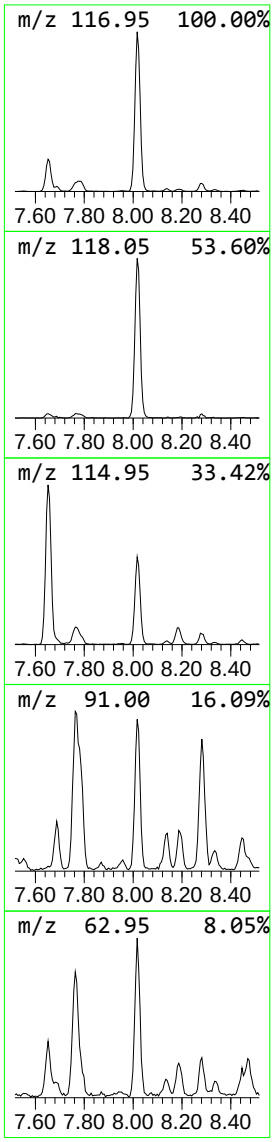
****

Peak Number 3 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	8.55 ng	347587	1,4-Dichlorobenzene-d4	7.652

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

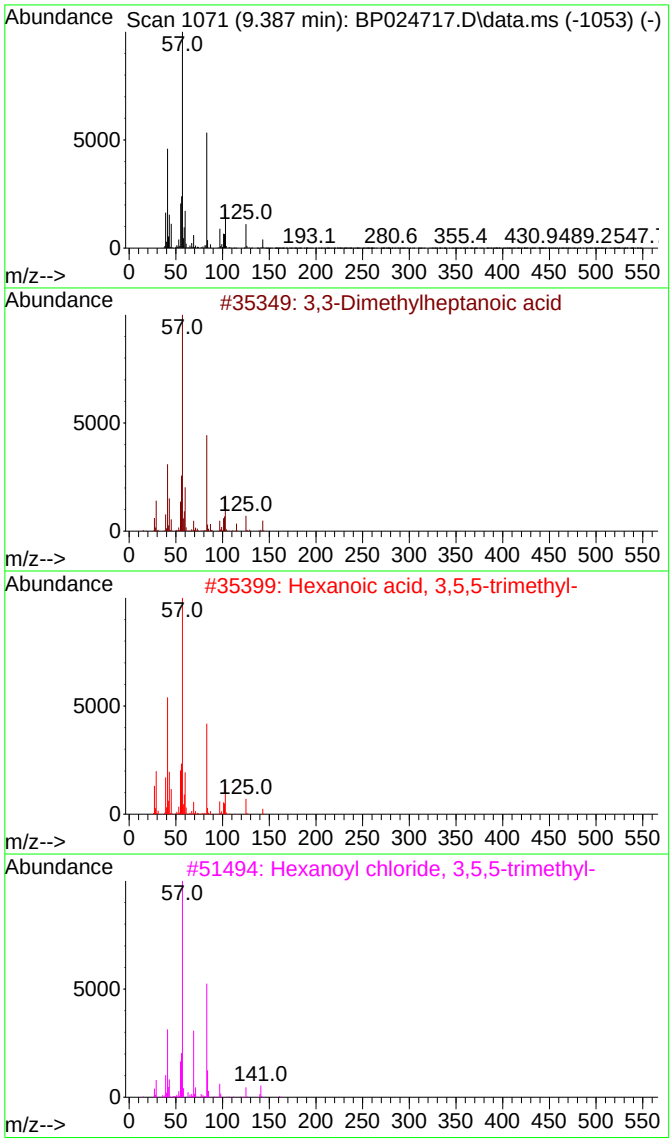
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

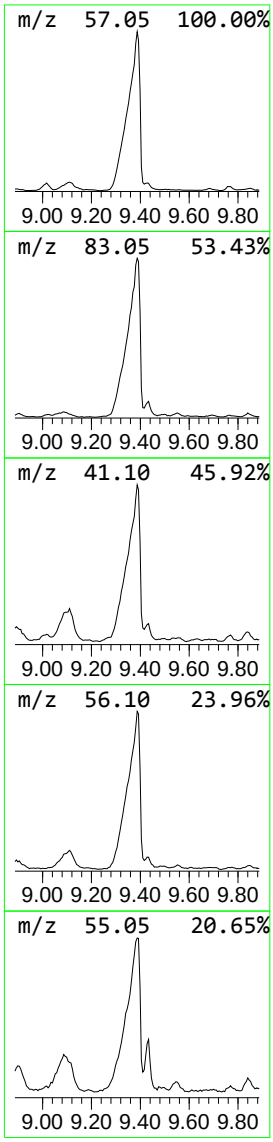
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3,3-Dimethylheptanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.387	48.51 ng	3062830	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	90
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	50
4	6,6-Dimethylheptanoic acid	158	C9H18O2	015898-92-7	35
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

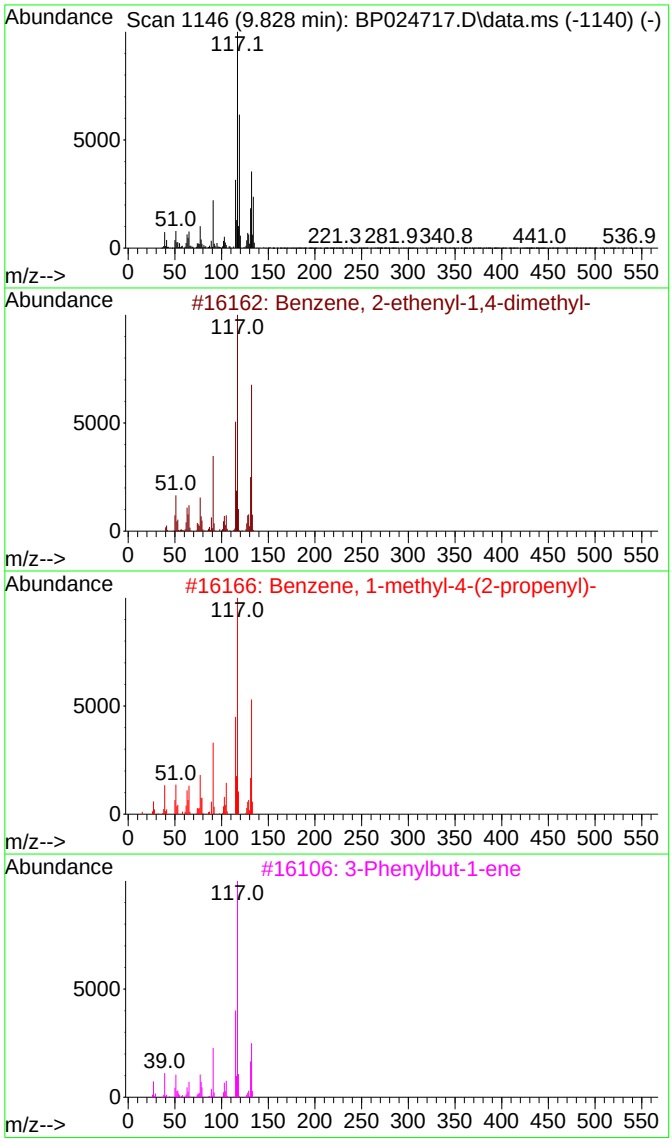
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

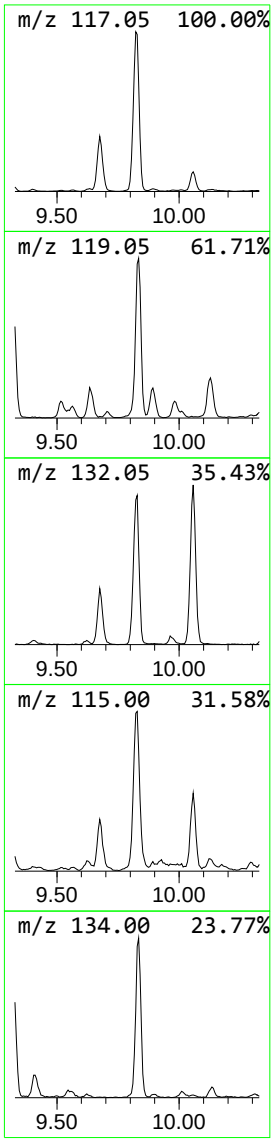
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	10.84 ng	684237	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





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Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

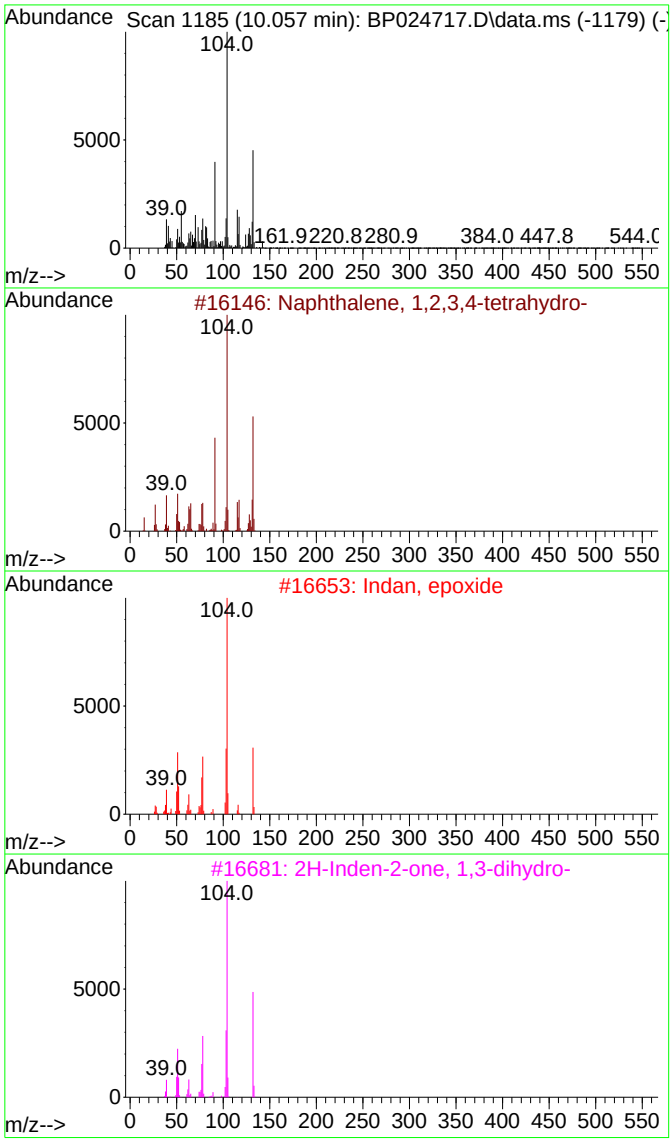
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

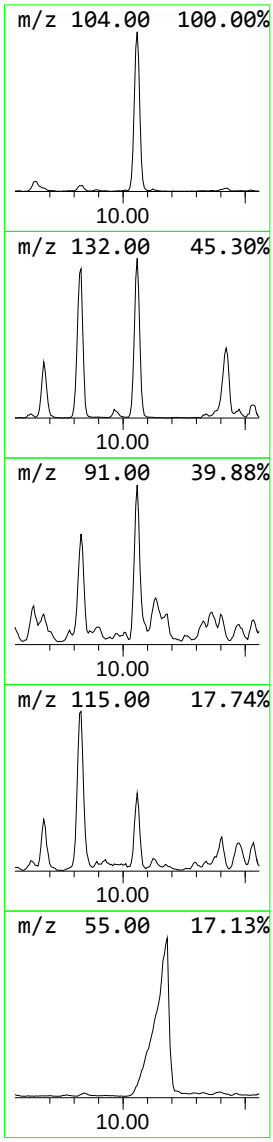
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	11.20 ng	706907	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Indan, epoxide	132	C9H8O	000768-22-9	52
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4	Fumaric acid, 2-phenylethyl unde...	374	C23H34O4	1000339-34-8	35
5	2-Phenethyl-.beta.-phenylpropionate	254	C17H18O2	028049-10-7	35





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Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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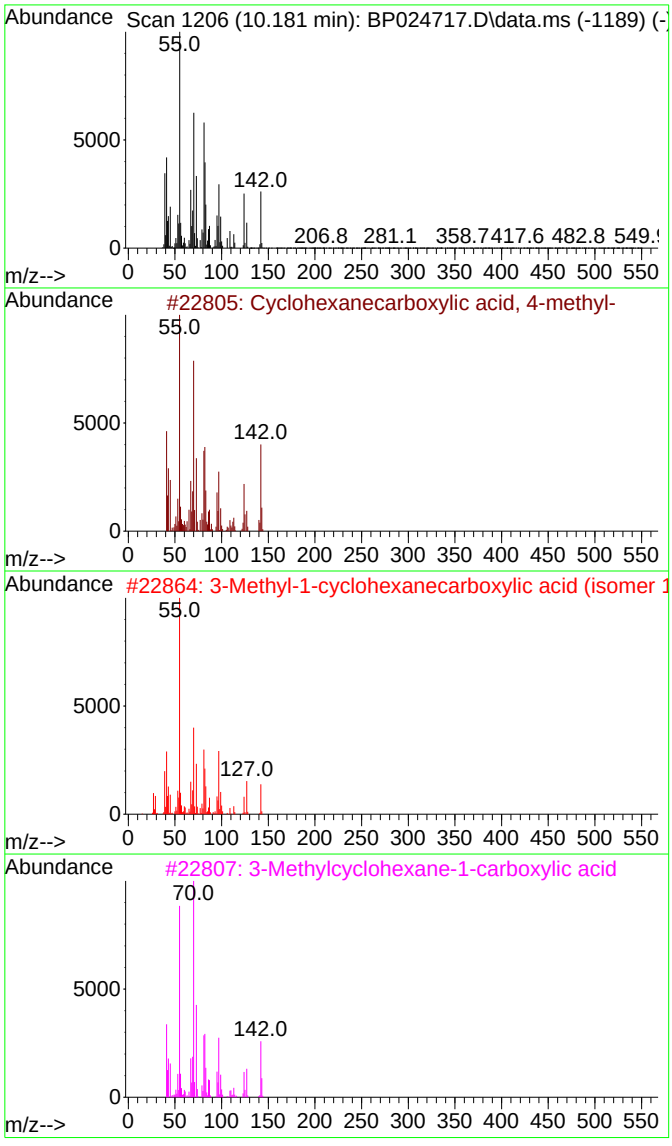
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

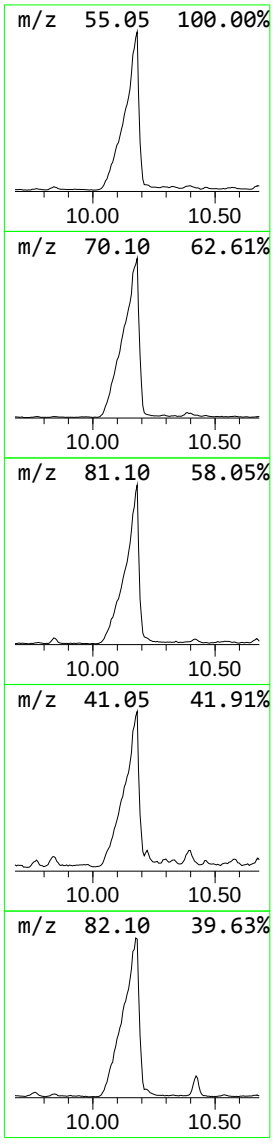
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexanecarboxylic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	85.18 ng	5378110	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-me...	142	C8H14O2	004331-54-8	94
2	3-Methyl-1-cyclohexanecarboxylic...	142	C8H14O2	1000453-57-0	74
3	3-Methylcyclohexane-1-carboxylic...	142	C8H14O2	1000132-15-7	47
4	Cyclohexanecarboxylic acid, 2-me...	142	C8H14O2	056586-13-1	43
5	Cycloheptanecarboxylic acid	142	C8H14O2	001460-16-8	38





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Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

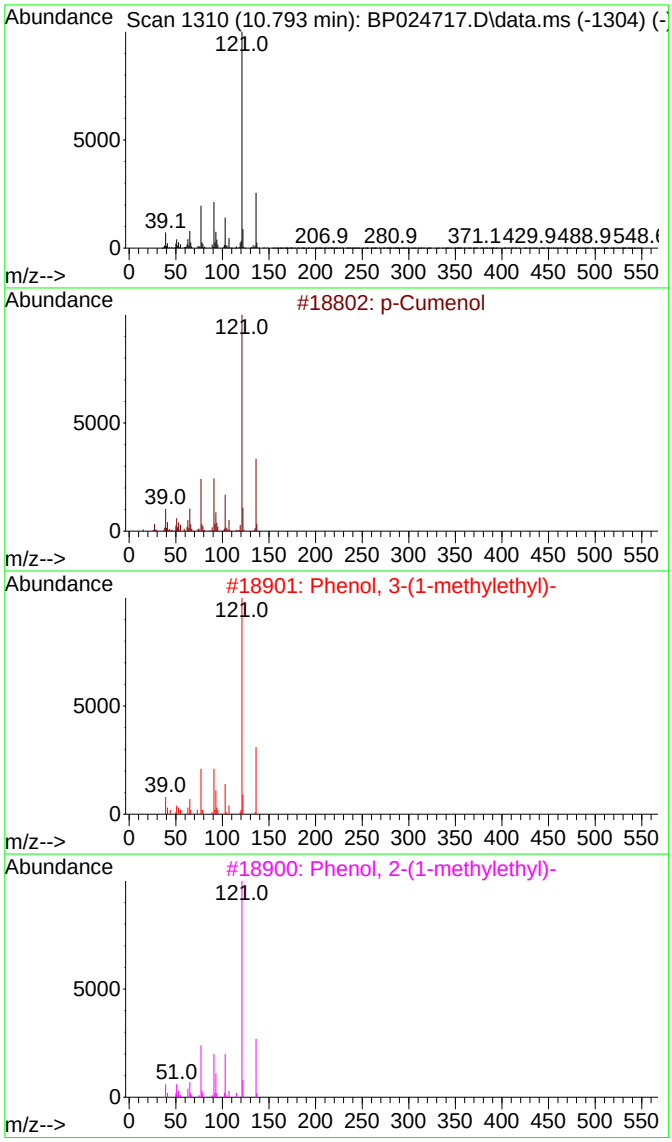
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

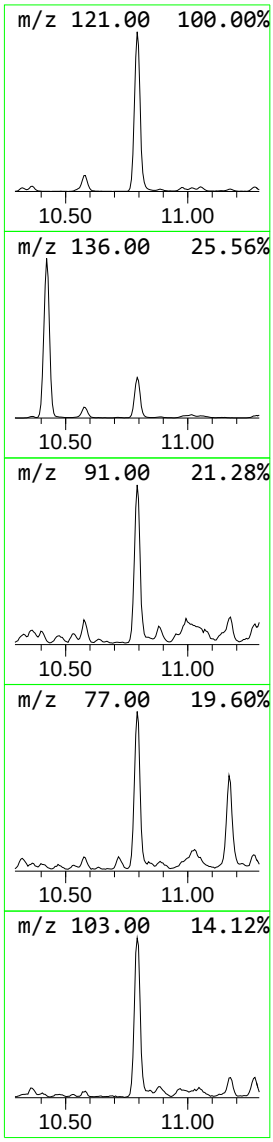
****

Peak Number 8 p-Cumenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.793	21.49 ng	1357160	Naphthalene-d8	10.422

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	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
4	3-Isopropylphenyl N-methylcarbam...	193	C11H15NO2	1000470-98-8	87
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83





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Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

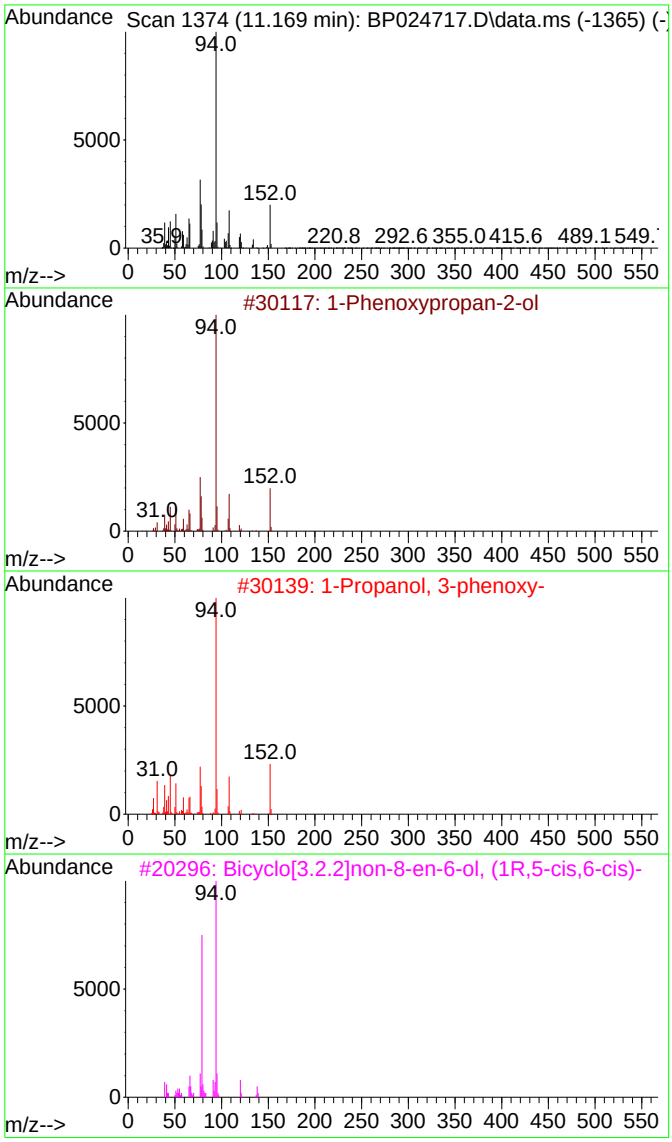
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

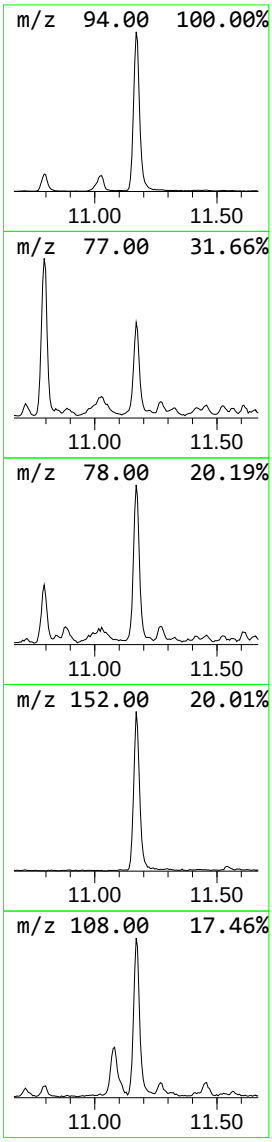
****

Peak Number 9 1-Phenoxypropan-2-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	12.58 ng	794203	Naphthalene-d8	10.422

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	68
3	Bicyclo[3.2.2]non-8-en-6-ol, (1R...	138	C9H14O	1000141-73-3	50
4	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	50
5	Carbonic acid, (3,4,4-trimethyl-...	252	C13H16O5	109123-69-5	50





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Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

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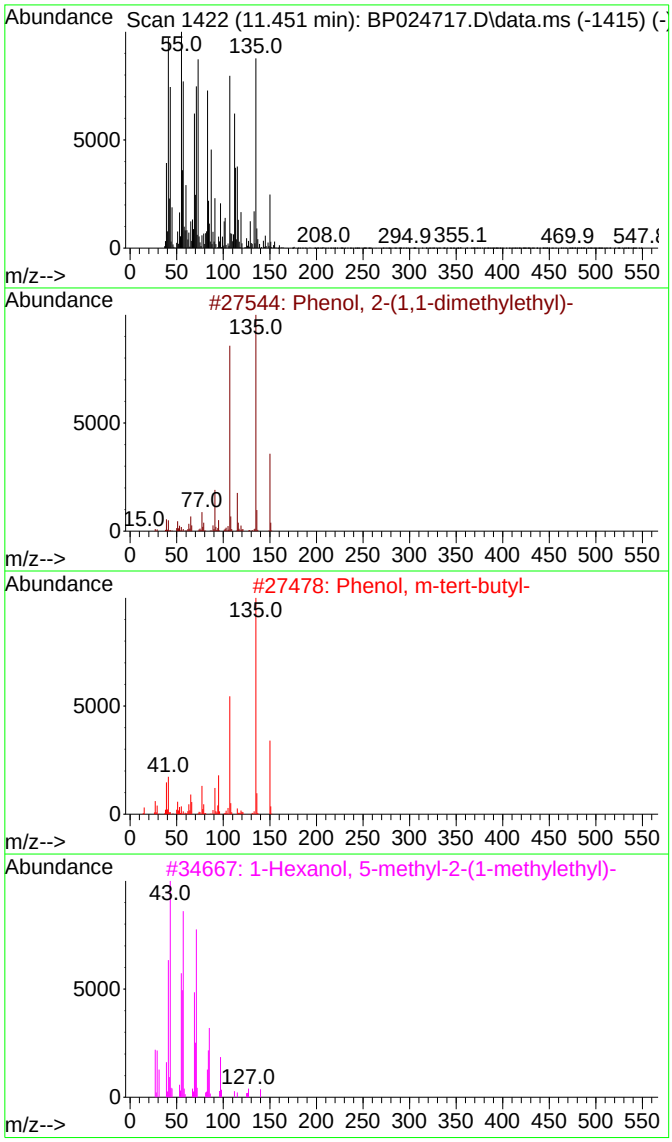
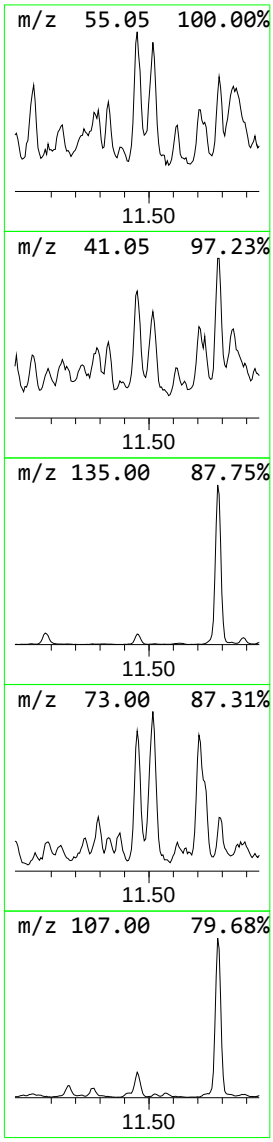
Peak Number 10 unknown11.451 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	8.66 ng	546625	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	42
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	27
3	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	18
4	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	15
5	Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	14





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Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

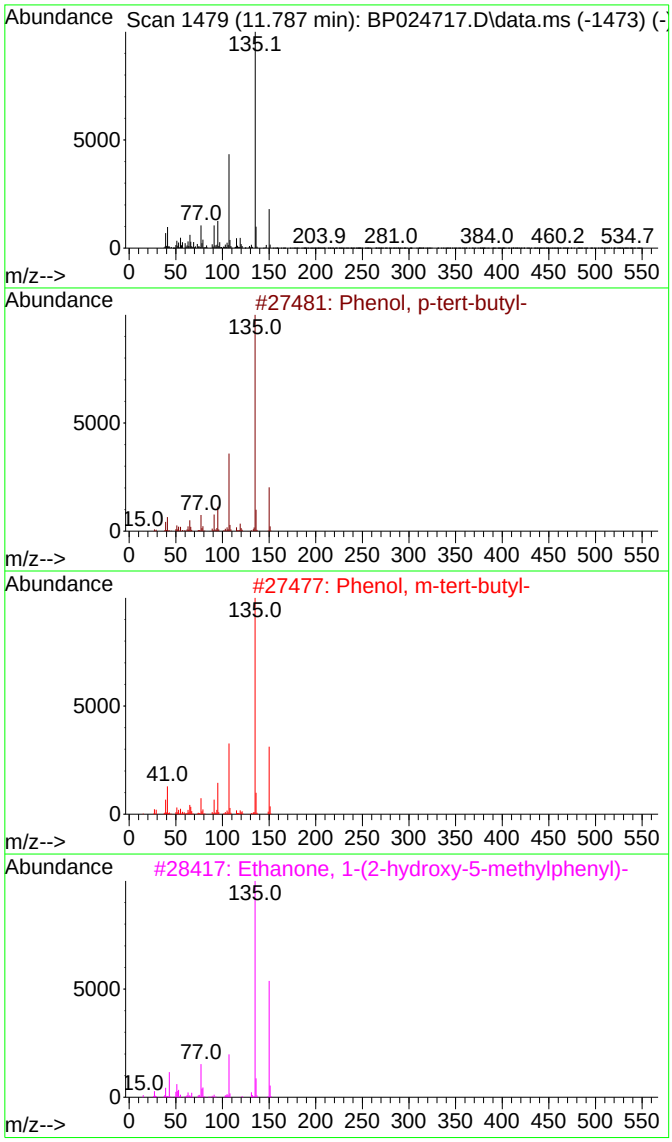
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

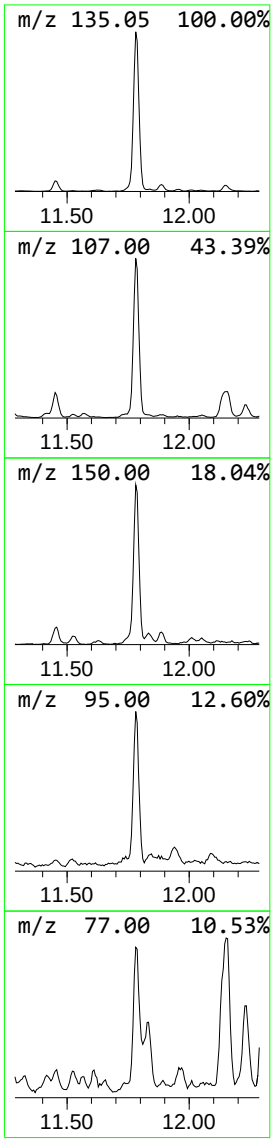
****

Peak Number 11 Phenol, p-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.787	20.74 ng	1309410	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	64
4	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	64
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	64





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Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VACTRUCK-728068

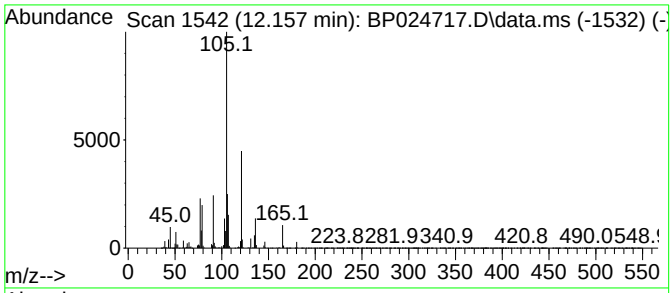
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

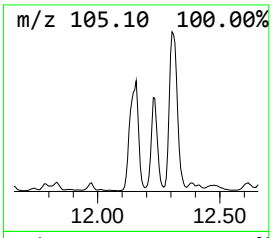
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

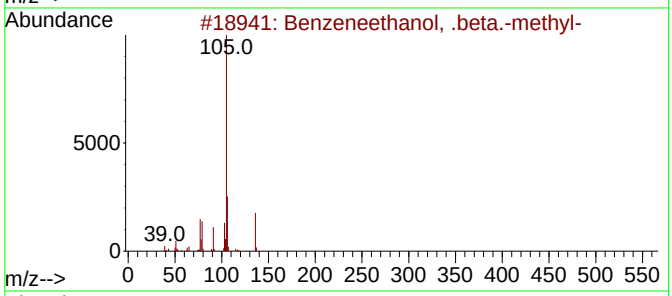
****
Peak Number 12 Benzeneethanol, .beta.-methyl- Concentration Rank 7

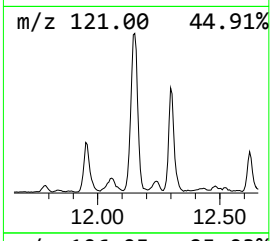
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	18.78 ng	1185490	Naphthalene-d8	10.422

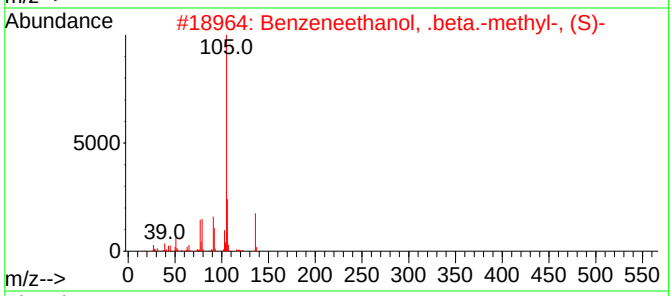
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	76
2	Benzeneethanol, .beta.-methyl-, ...	136	C9H12O	037778-99-7	68
3	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	64
4	Benzeneethanol, 4-methyl-	136	C9H12O	000699-02-5	59
5	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	53

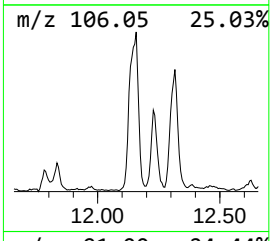


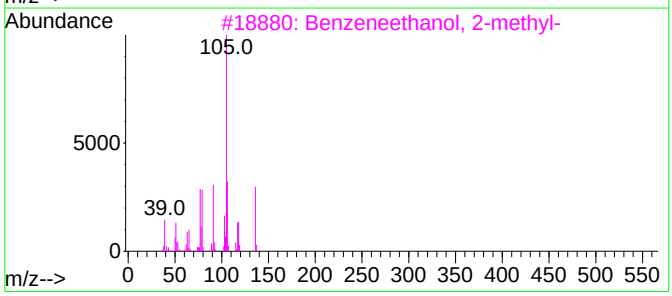


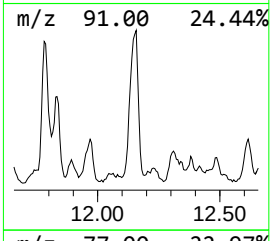


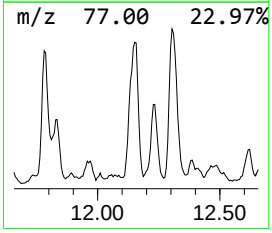












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Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

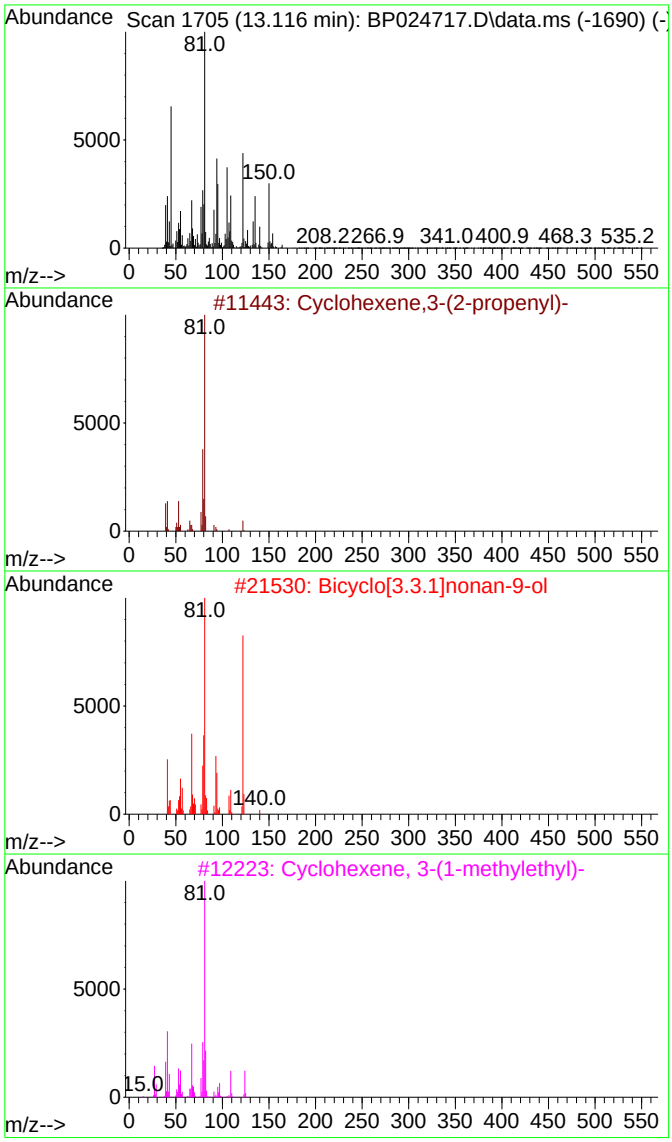
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

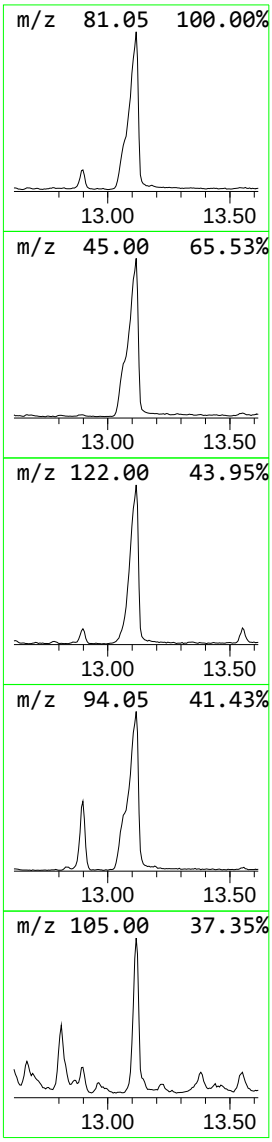
****

Peak Number 13 unknown13.116 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	30.61 ng	3181840	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	27
2	Bicyclo[3.3.1]nonan-9-ol	140	C9H16O	015598-80-8	25
3	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	22
4	3-Cyclohexene-1-acetic acid, .al...	168	C9H12O3	077846-83-4	22
5	1-Chlorosulfonyl-3-methyl-1-azas...	251	C9H14ClNO3S	016933-89-4	22





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Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VACTRUCK-728068

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

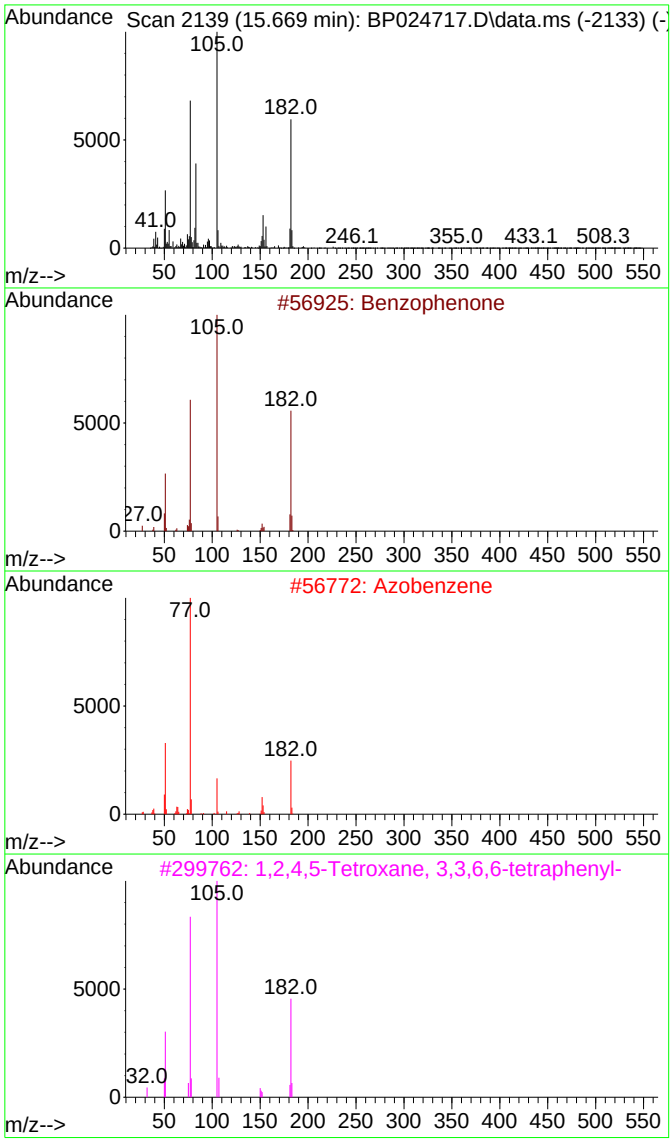
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

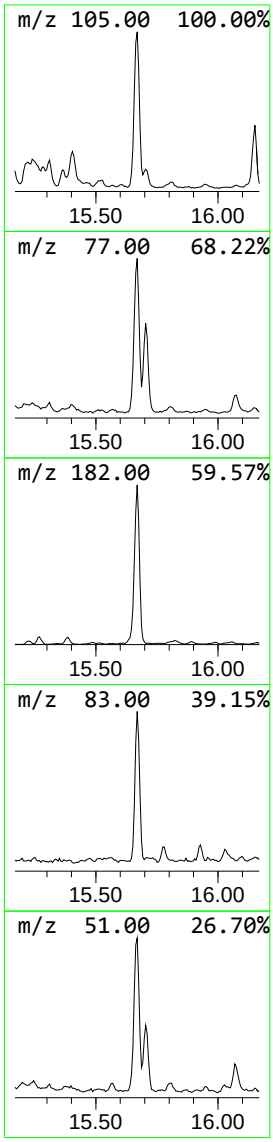
****

Peak Number 14 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	9.13 ng	949134	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Azobenzene	182	C12H10N2	000103-33-3	47
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	43
4	2-Dimethylamino-6,7-dihydro-4H-o...	182	C7H10N4O2	062626-99-7	35
5	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	22





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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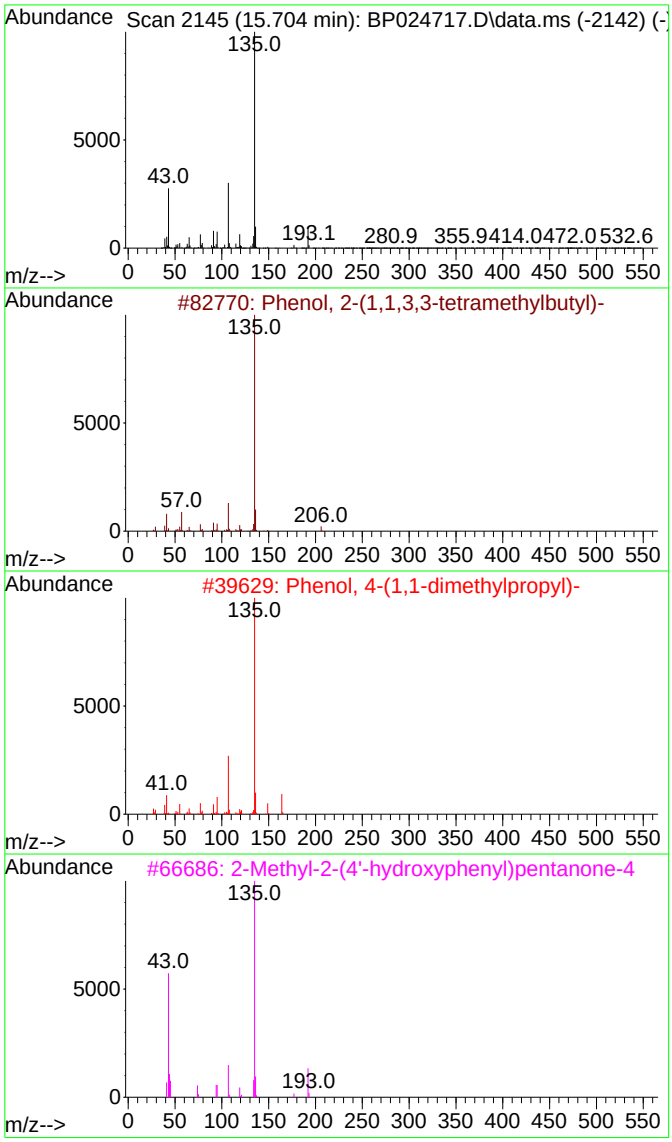
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

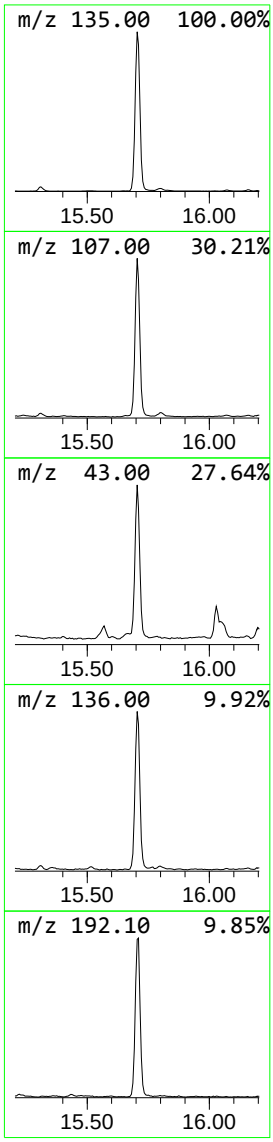
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.704	13.16 ng	2169760	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	72
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72
5	Hexestrol, O-isopropyloxycarbonyl-	356	C22H28O4	1000487-68-4	64





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Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

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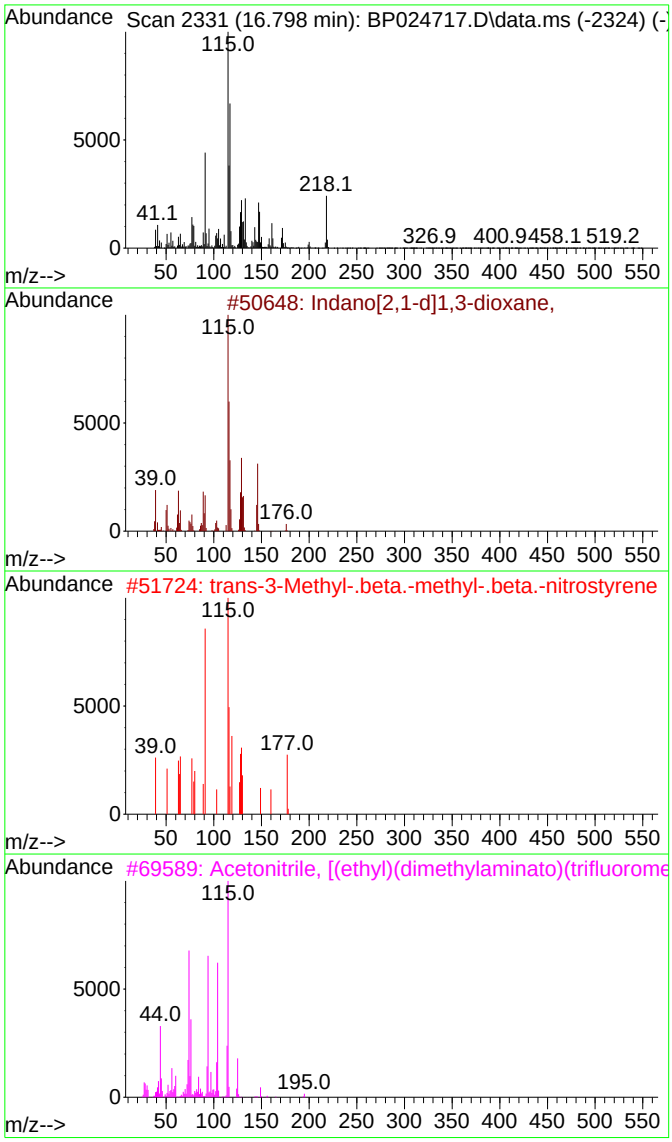
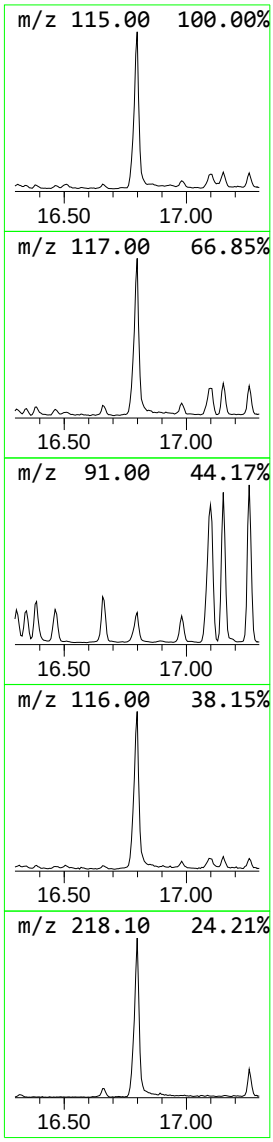
Peak Number 16 unknown16.798 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.798	10.15 ng	1674770	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indano[2,1-d]1,3-dioxane,	176	C11H12O2	102688-70-0	25
2	trans-3-Methyl-.beta.-methyl-.be...	177	C10H11NO2	147102-55-4	22
3	Acetonitrile, [(ethyl)(dimethyla...	194	C7H14BF3N2	166669-23-4	18
4	(5-Nitrohex-1-enyl)benzene	205	C12H15NO2	1000197-86-6	16
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

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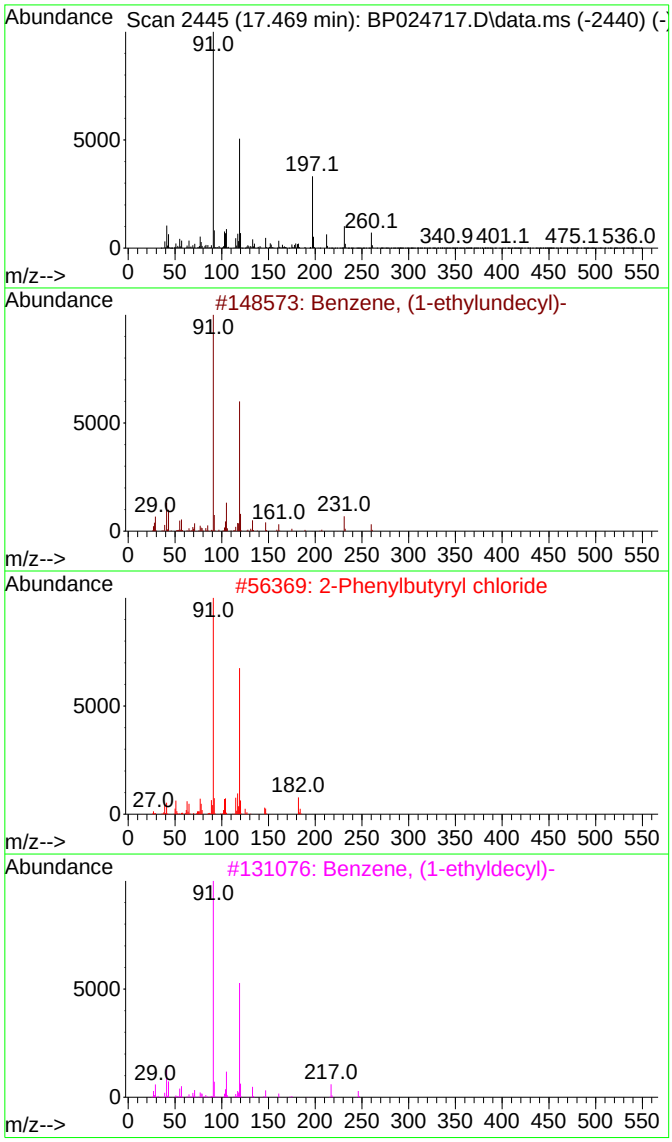
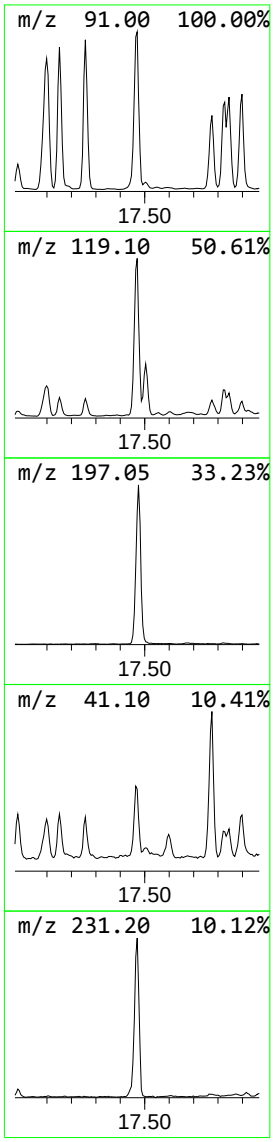
Peak Number 17 Benzene, (1-ethylundecyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.469	12.10 ng	1996100	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	86
2	2-Phenylbutyryl chloride	182	C10H11ClO	036854-57-6	46
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	43
4	(1-(Methylthio)propyl)benzene	166	C10H14S	022906-19-0	38
5	p-Cymene	134	C10H14	000099-87-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

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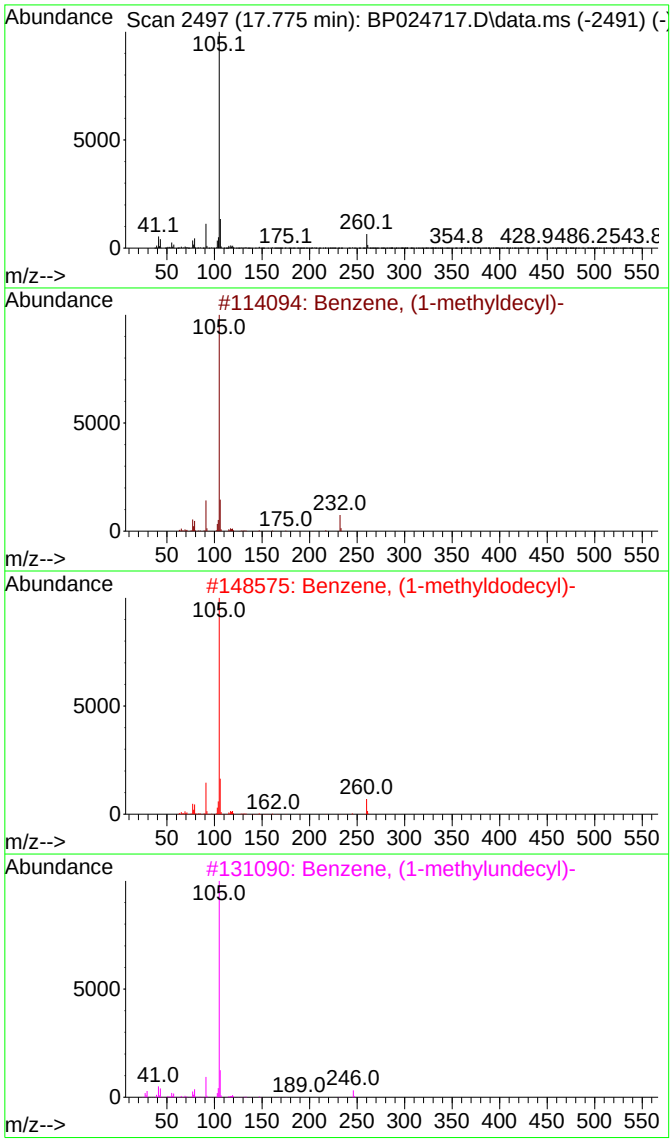
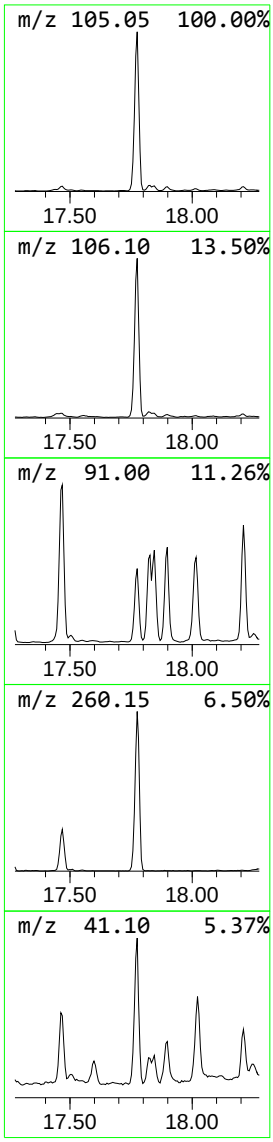
Peak Number 18 Benzene, (1-methyldecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.775	23.36 ng	3853410	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	87
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	87
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
4	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	64
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

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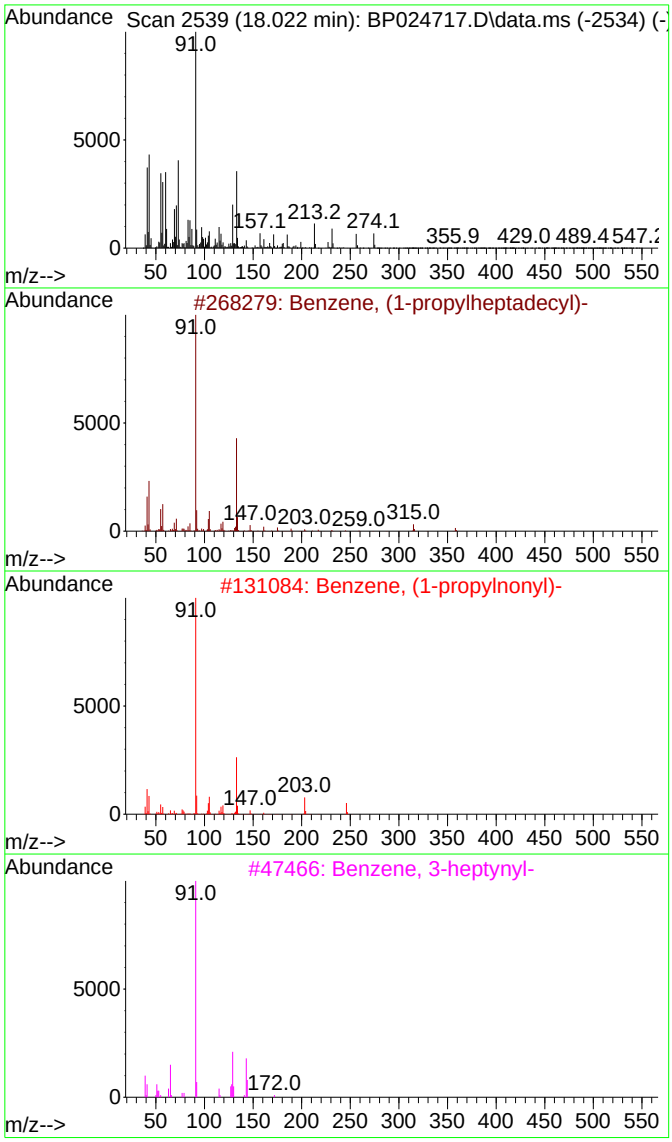
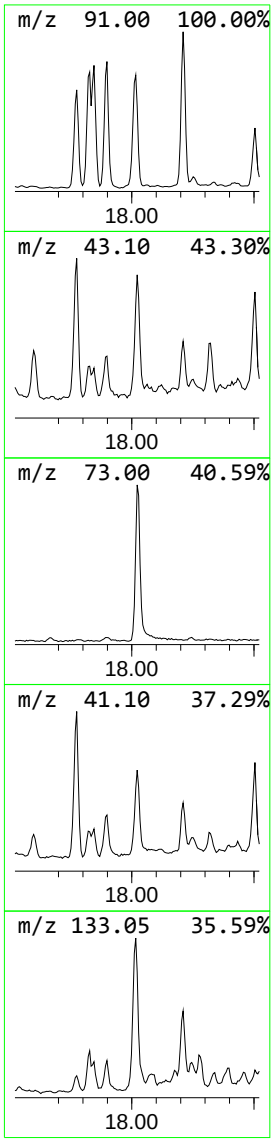
Peak Number 19 unknown18.022 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	9.44 ng	1557600	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	14
2	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	14
3	Benzene, 3-heptynyl-	172	C13H16	056293-04-0	10
4	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	10
5	Pentanedioic acid, 2-[(phenylmet...	395	C18H29NO5Si2	055520-98-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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

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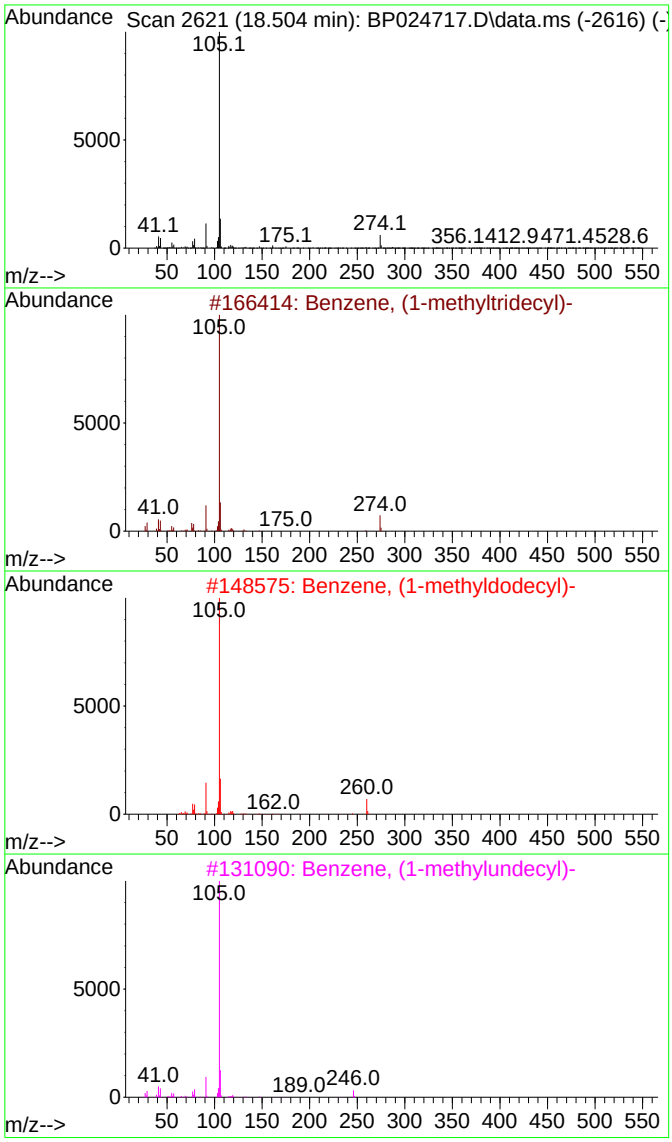
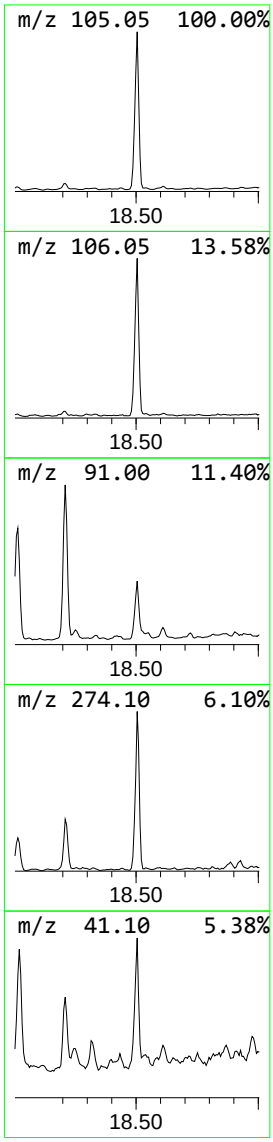
Peak Number 20 Benzene, (1-methyltridecyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	13.04 ng	2150910	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	87
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	81
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

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
Benzene, 1-ethy...	7.052	8.2	ng	331240	1	7.652	813076	20.0
Benzene, 1,2,3-...	7.763	16.3	ng	660764	1	7.652	813076	20.0
Indane	8.016	8.6	ng	347587	1	7.652	813076	20.0
3,3-Dimethylhep...	9.387	48.5	ng	3062830	2	10.422	1262800	20.0
Benzene, 2-ethe...	9.828	10.8	ng	684237	2	10.422	1262800	20.0
Naphthalene, 1,...	10.057	11.2	ng	706907	2	10.422	1262800	20.0
Cyclohexanecarb...	10.181	85.2	ng	5378110	2	10.422	1262800	20.0
p-Cumenol	10.793	21.5	ng	1357160	2	10.422	1262800	20.0
1-Phenoxypropan...	11.169	12.6	ng	794203	2	10.422	1262800	20.0
unknown11.451	11.451	8.7	ng	546625	2	10.422	1262800	20.0
Phenol, p-tert-...	11.787	20.7	ng	1309410	2	10.422	1262800	20.0
Benzeneethanol,...	12.157	18.8	ng	1185490	2	10.422	1262800	20.0
unknown13.116	13.116	30.6	ng	3181840	3	14.287	2079160	20.0
Benzophenone	15.669	9.1	ng	949134	3	14.287	2079160	20.0
Phenol, 2-(1,1,...	15.704	13.2	ng	2169760	4	17.087	3298670	20.0
unknown16.798	16.798	10.2	ng	1674770	4	17.087	3298670	20.0
Benzene, (1-eth...	17.469	12.1	ng	1996100	4	17.087	3298670	20.0
Benzene, (1-met...	17.775	23.4	ng	3853410	4	17.087	3298670	20.0
unknown18.022	18.022	9.4	ng	1557600	4	17.087	3298670	20.0
Benzene, (1-met...	18.504	13.0	ng	2150910	4	17.087	3298670	20.0