LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-3-020222

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009049.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	16	rVB	281287	326998	4.49%	0.307%
2	5.399	403	410	430	rBV	2569991	4342024	59.64%	4.077%
3	6.993	669	681	701	rBV	2550419	4713756	64.75%	4.426%
4	7.434	751	756	765	rBV2	271231	539864	7.42%	0.507%
5	7.804	810	819	828	rBV	987672	1742634	23.94%	1.636%
6	8.093	860	868	875	rVB5	64725	157647	2.17%	0.148%
7	8.345	900	911	917	rBV5	159397	429485	5.90%	0.403%
8	8.451	924	929	930	rBV2	113737	158261	2.17%	0.149%
9	8.575	945	950	954	rBV	120111	195668	2.69%	0.184%
10	8.916	997	1008	1011	rVV3	159428	345655	4.75%	0.325%
11	8.969	1011	1017	1024	rVV	1639274	3061466	42.05%	2.875%
12	9.040	1024	1029	1039	rVB	809550	1311732	18.02%	1.232%
13	9.163	1046	1050	1056	rVB5	123636	255222	3.51%	0.240%
14	9.698	1131	1141	1143	rBV4	62586	135327	1.86%	0.127%
15	9.739	1143	1148	1152	rVV3	97181	165791	2.28%	0.156%
16	9.787	1152	1156	1164	rVB4	76869	179461	2.47%	0.169%
17	9.887	1164	1173	1178	rVB4	141487	373849	5.14%	0.351%
18	9.963	1180	1186	1189	rBV3	161173	259798	3.57%	0.244%
19	10.010	1189	1194	1196	rBV3	103517	168786	2.32%	0.158%
20	10.039	1196	1199	1203	rVB2	110362	152941	2.10%	0.144%
21	10.145	1212	1217	1221	rBV2	106522	179325	2.46%	0.168%
22	10.239	1229	1233	1240	rVB	127739	209050	2.87%	0.196%
23	10.510	1275	1279	1284	rVV4	76785	180715	2.48%	0.170%
24	10.598	1285	1294	1300	rVV2	1584479	3723434	51.15%	3.496%
25	10.657	1300	1304	1311	rVV	237735	539533	7.41%	0.507%
26	10.722	1312	1315	1320	rVV4	122232	241661	3.32%	0.227%
27	10.775	1320	1324	1329	rVV	304437	483098	6.64%	0.454%
28	10.834	1329	1334	1341	rVV6	88707	210621	2.89%	0.198%
29	11.016	1356	1365	1370	rBV5	57843	165034	2.27%	0.155%
30	11.316	1412	1416	1420	rVV3	138280	281219	3.86%	0.264%
31	11.375	1424	1426	1433	rVB2	85803	141805	1.95%	0.133%
32	11.451	1434	1439	1445	rBV3	166369	292282	4.01%	0.274%
33	11.534	1446	1453	1459	rVB4	188449	373302	5.13%	0.351%
34	11.639	1466	1471	1481	rBV3	315950	644058	8.85%	0.605%
35	11.798	1493	1498	1507	rVB2	209383	370481	5.09%	0.348%
36	11.898	1507	1515	1519	rBV5	74680	152225	2.09%	0.143%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.039	1533	1539	1550	rBV	916896	1425262	19.58%	1.338%
38	12.157	1550	1559	1566	rVV4	123173	355209	4.88%	0.334%
39	12.263	1570	1577	1585	rVB2	257899	602040	8.27%	0.565%
40	12.486	1610	1615	1618	rBV2	163810	280046	3.85%	0.263%
41	12.522	1618	1621	1626	rVB2	135772	211060	2.90%	0.198%
42	12.716	1650	1654	1661	rVB4	96014	205971	2.83%	0.193%
43	12.781	1661	1665	1668	rBV2	94878	137002	1.88%	0.129%
44	12.851	1673	1677	1683	rVB2	100568	151745	2.08%	0.142%
45	12.939	1688	1692	1697	rBV4	127847	238090	3.27%	0.224%
46	12.992	1697	1701	1707	rVB3	287246	415624	5.71%	0.390%
47	13.069	1708	1714	1724	rVB	4122680	6211733	85.33%	5.833%
48	13.281	1743	1750	1757	rBV	746054	1173205	16.12%	1.102%
49	13.616	1800	1807	1814	rBV2	92928	289953	3.98%	0.272%
50	13.775	1829	1834	1838	rBV	116359	216365	2.97%	0.203%
51	13.939	1859	1862	1866	rVB2	178236	218903	3.01%	0.206%
52	14.175	1896	1902	1907	rBV	123881	210323	2.89%	0.197%
53	14.357	1928	1933	1938	rBV	431365	574665	7.89%	0.540%
54	14.451	1941	1949	1954	rVV	1523123	2495795	34.28%	2.344%
55	14.510	1955	1959	1968	rVB	310408	514943	7.07%	0.484%
56	14.851	2013	2017	2025	rVB	276972	429935	5.91%	0.404%
57	14.975	2035	2038	2046	rVB6	112833	188651	2.59%	0.177%
58	15.310	2091	2095	2099	rVB	263347	337756	4.64%	0.317%
59	15.498	2122	2127	2132	rBV	372100	586734	8.06%	0.551%
60	15.716	2159	2164	2169	rVV2	130815	200222	2.75%	0.188%
61	15.798	2174	2178	2186	rVB2	124377	234608	3.22%	0.220%
62	15.945	2196	2203	2211	rBV	2747899	4071777	55.93%	3.823%
63	16.174	2238	2242	2251	rBV2	263515	543469	7.47%	0.510%
64	16.863	2355	2359	2365	rVB	127455	194457	2.67%	0.183%
65	16.969	2374	2377	2382	rVB	199770	236666	3.25%	0.222%
66	17.027	2382	2387	2396	rVB	299447	498804	6.85%	0.468%
67	17.204	2412	2417	2421	rBV	1696235	2615504	35.93%	2.456%
68	17.251	2421	2425	2432	rVV	2869028	4277789	58.76%	4.017%
69	17.339	2435	2440	2446	rVB	785131	1160335	15.94%	1.090%
70	17.404	2447	2451	2456	rBV2	82653	147334	2.02%	0.138%
71	17.616	2482	2487	2499	rVB	306535	542002	7.45%	0.509%
72	17.710	2500	2503	2510	rBV2	189249	293020	4.03%	0.275%
73	17.792	2513	2517	2526	rVB4	103980	210338	2.89%	0.198%
74	18.074	2561	2565	2567	rBV	344798	455832	6.26%	0.428%
75	18.110	2567	2571	2582	rVV2	1041975	2206105	30.30%	2.071%
76	18.204	2583	2587	2591	rVV	215837	308028	4.23%	0.289%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-3-020222

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.263	2592	2597	2601	rVV2	593569	1064057	14.62%	0.999%
78	18.298	2601	2603	2608	rVB	263727	330480	4.54%	0.310%
79	18.386	2614	2618	2621	rBV	229631	278612	3.83%	0.262%
80	18.557	2644	2647	2652	rBV	248445	328066	4.51%	0.308%
81	18.610	2652	2656	2662	rVB2	176015	262589	3.61%	0.247%
82	18.963	2712	2716	2719	rBV	280664	461495	6.34%	0.433%
83	18.998	2719	2722	2730	rVB4	258954	582115	8.00%	0.547%
84	19.104	2737	2740	2745	rBV2	165061	233675	3.21%	0.219%
85	19.221	2754	2760	2767	rBV	4140432	5726895	78.67%	5.377%
86	19.339	2776	2780	2789	rVB4	712348	1100689	15.12%	1.034%
87	19.574	2811	2820	2828	rBV	3414132	5982318	82.18%	5.617%
88	19.645	2829	2832	2838	rVB2	237338	356160	4.89%	0.334%
89	19.768	2848	2853	2858	rVB	5791280	7279927	100.00%	6.836%
90	19.886	2869	2873	2880	rBV3	252544	620634	8.53%	0.583%
91	20.057	2899	2902	2910	rVB2	486832	920587	12.65%	0.864%
92	20.151	2916	2918	2922	rVB	268415	308646	4.24%	0.290%
93	20.557	2985	2987	2991	rVB	263856	272859	3.75%	0.256%
94	20.792	3024	3027	3033	rBV	369952	490251	6.73%	0.460%
95	21.015	3063	3065	3073	rVB4	562088	852656	11.71%	0.801%
96	21.298	3107	3113	3117	rBV3	2773007	5613296	77.11%	5.271%
97	21.339	3117	3120	3129	rVB	1663042	2282731	31.36%	2.143%
98	22.968	3393	3397	3403	rBV2	1523452	2921632	40.13%	2.743%
99	23.598	3500	3504	3512	rVB	1611997	3050800	41.91%	2.865%
100	23.698	3518	3521	3528	rVB2	1307128	2305335	31.67%	2.165%

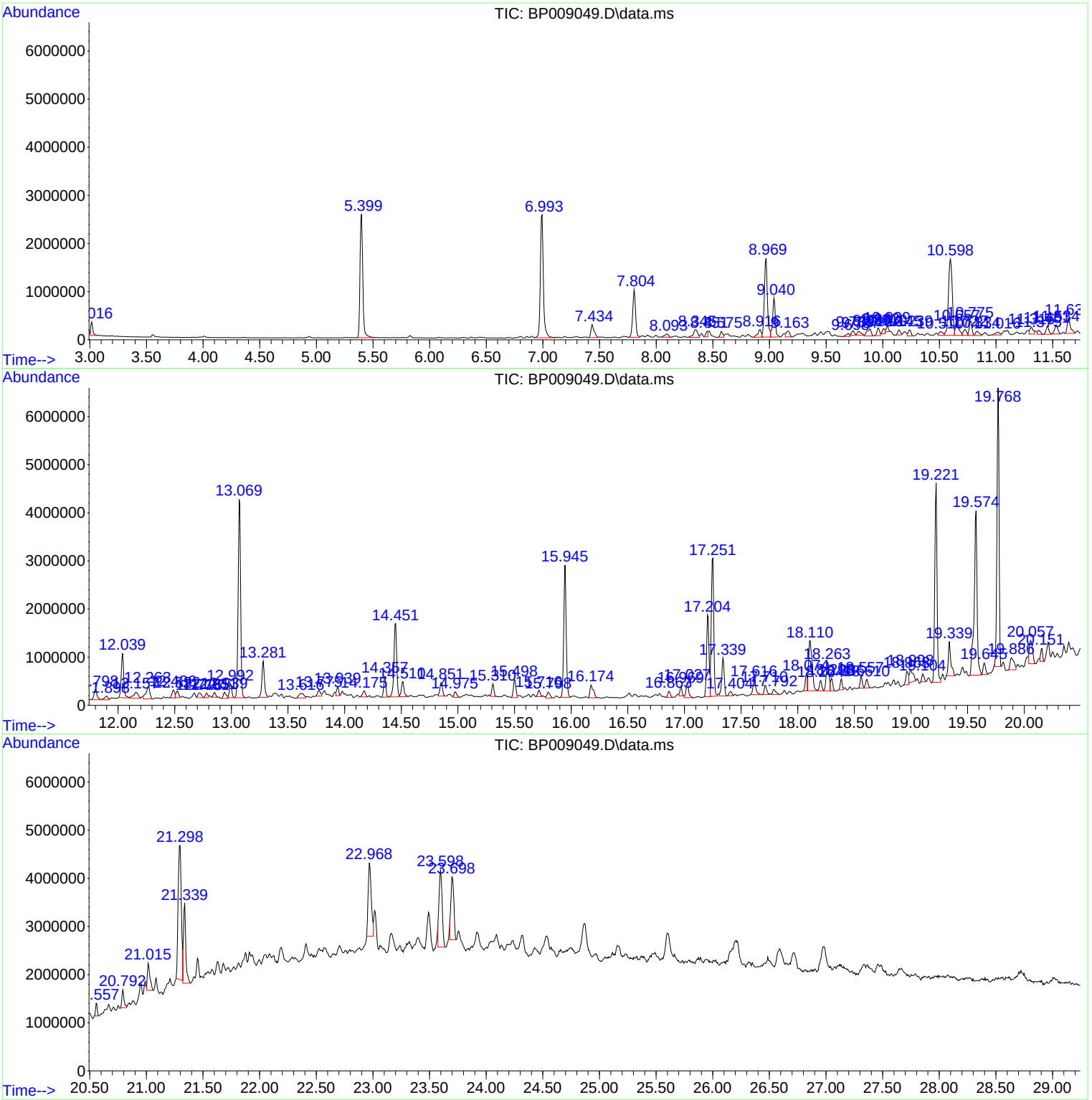
Sum of corrected areas: 106498013

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

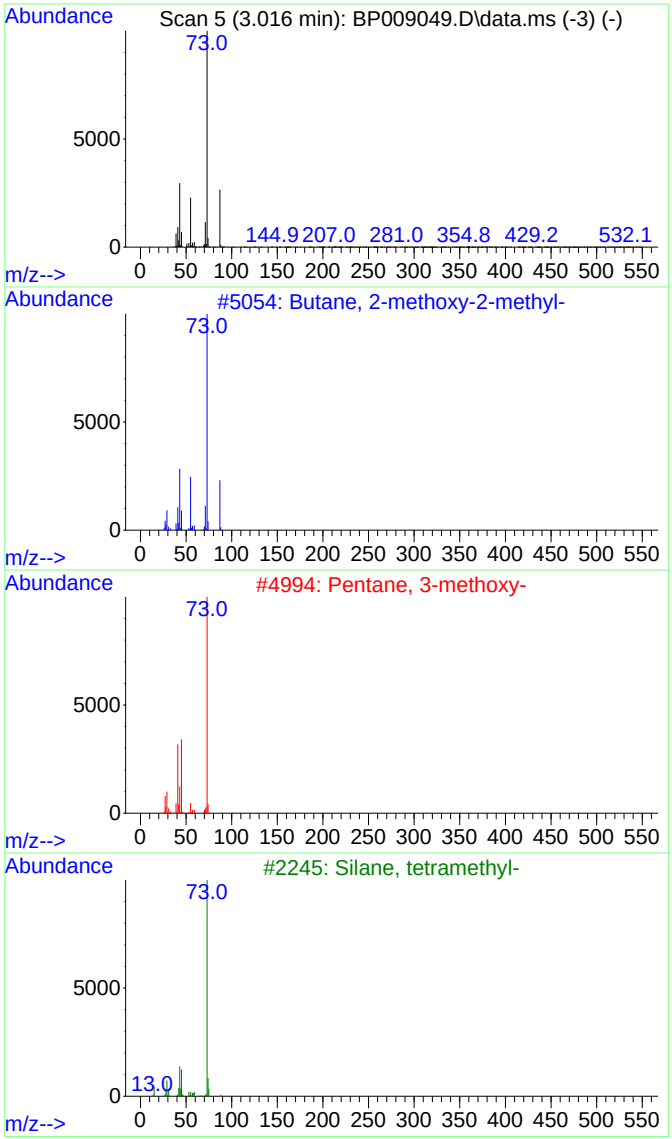
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

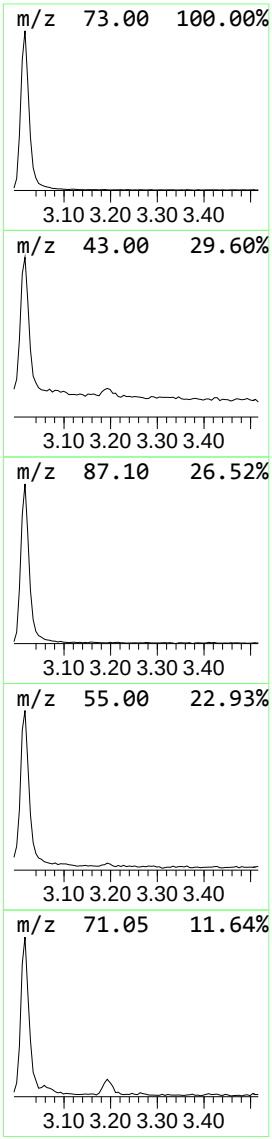
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.016	3.75 ng	326998	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

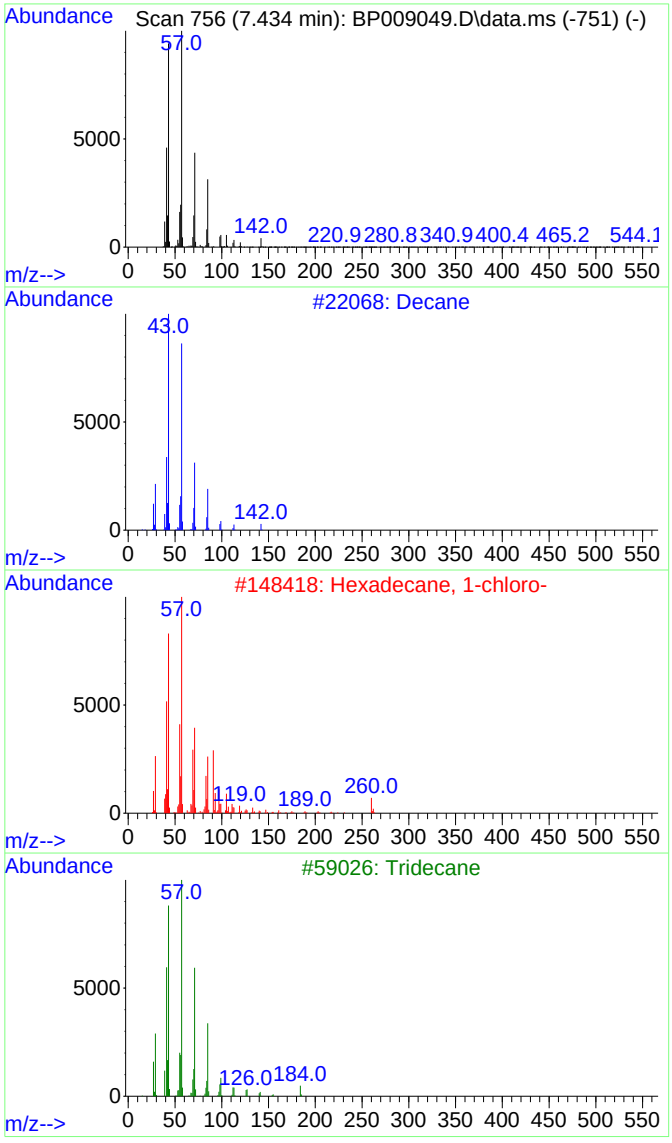
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

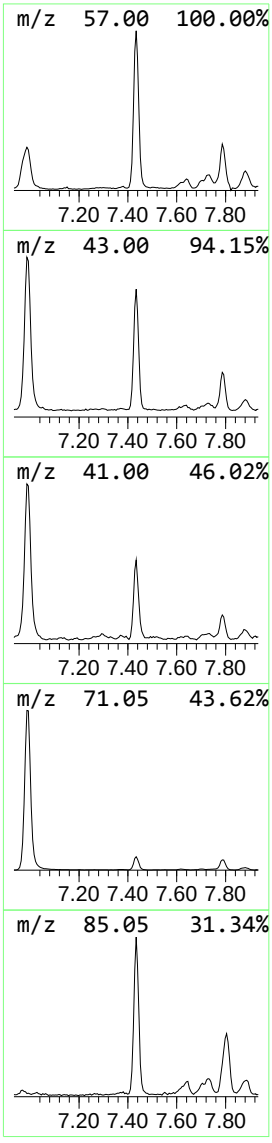
****

Peak Number 2 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.434	6.20 ng	539864	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
5	Undecane	156	C11H24	001120-21-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

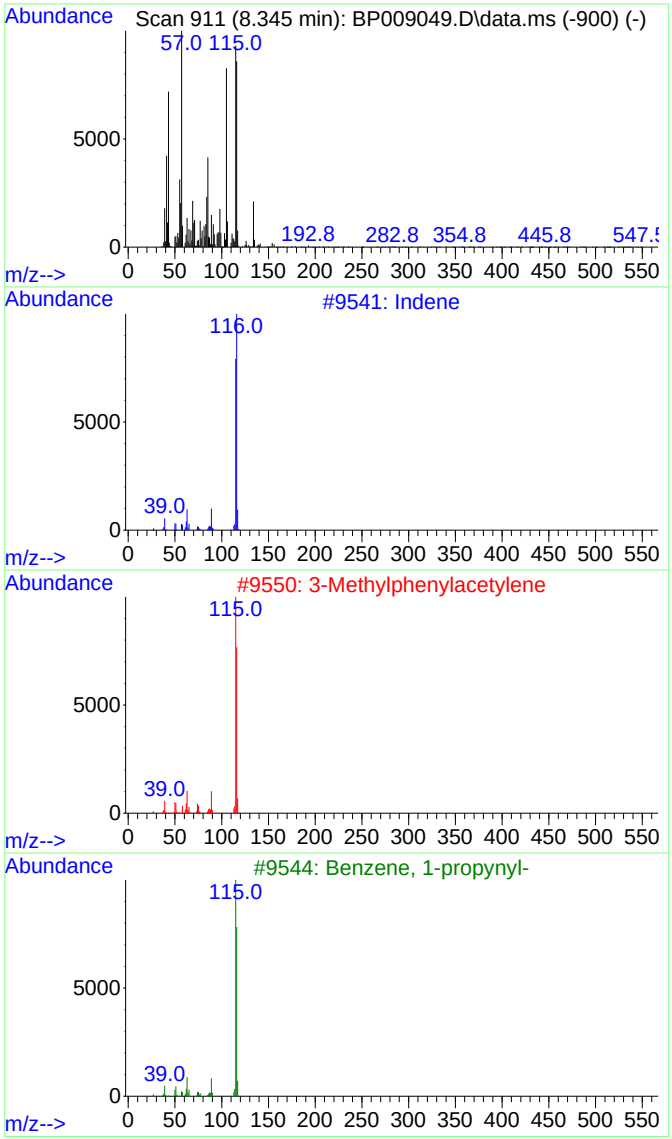
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

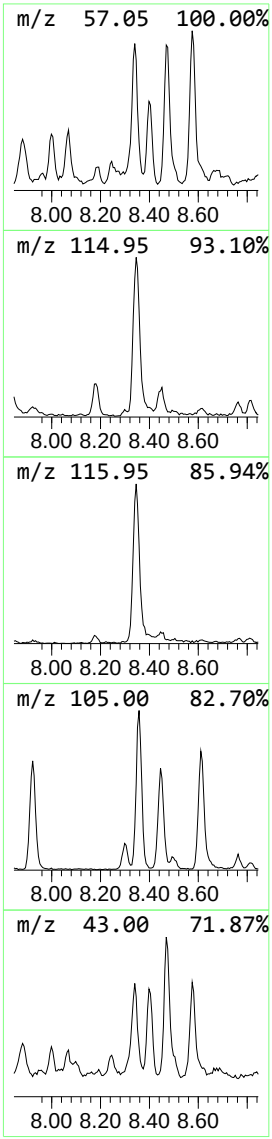
****

Peak Number 3 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.345	4.93 ng	429485	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	55
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	55
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	49
4	.alpha.-Methylcinnamic acid	162	C10H10O2	001199-77-5	43
5	Glutaric acid, dodecyl 3-methylb...	368	C22H40O4	1000360-09-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

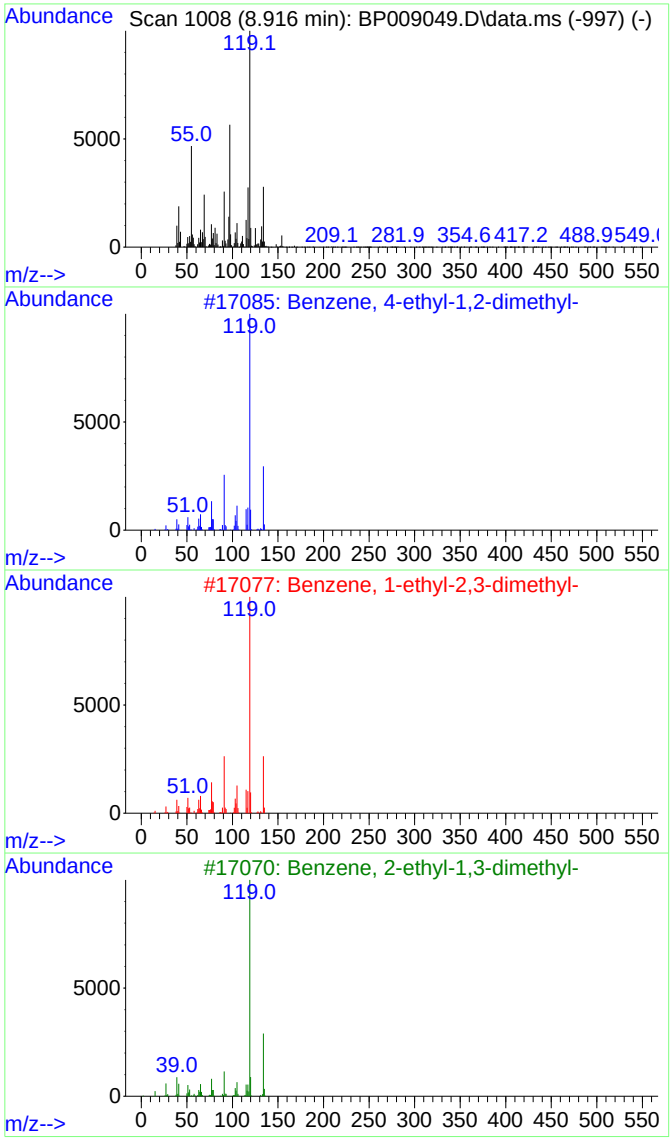
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

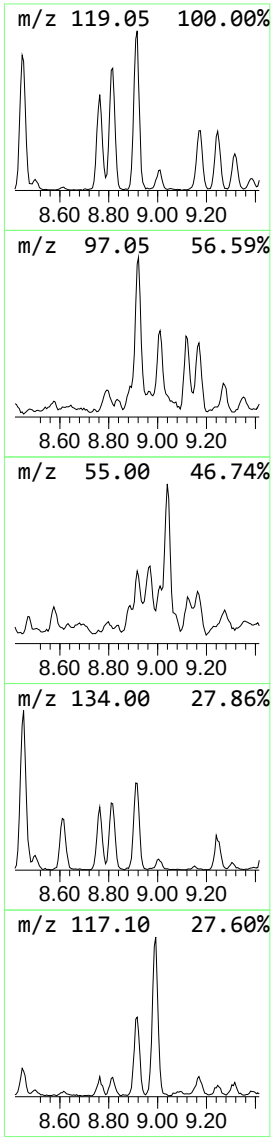
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	3.97 ng	345655	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

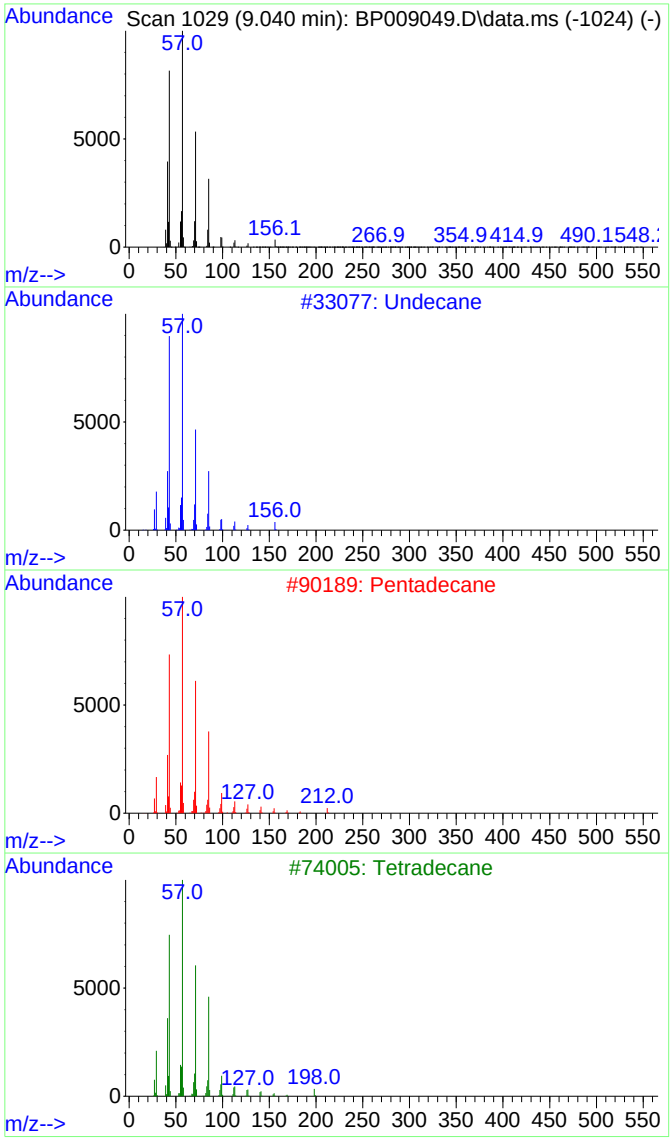
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

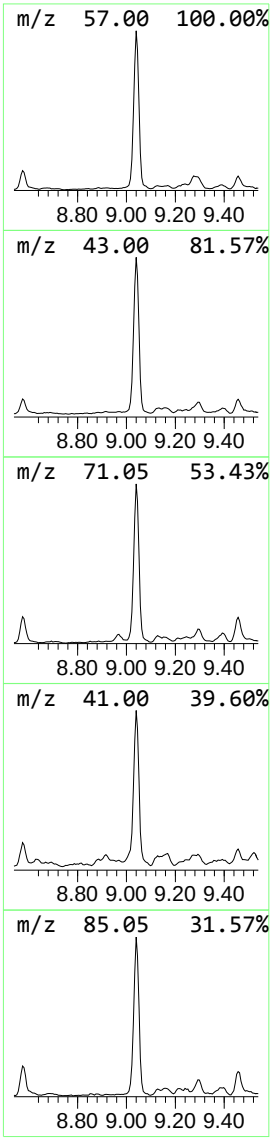
****

Peak Number 5 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.040	15.05 ng	1311730	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

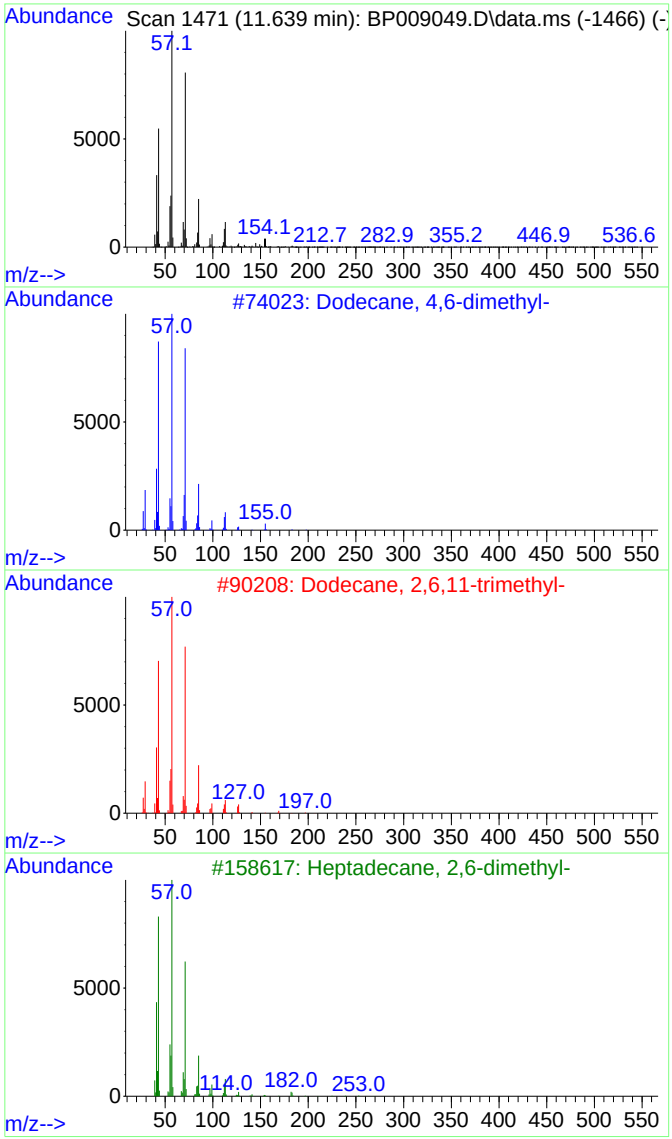
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

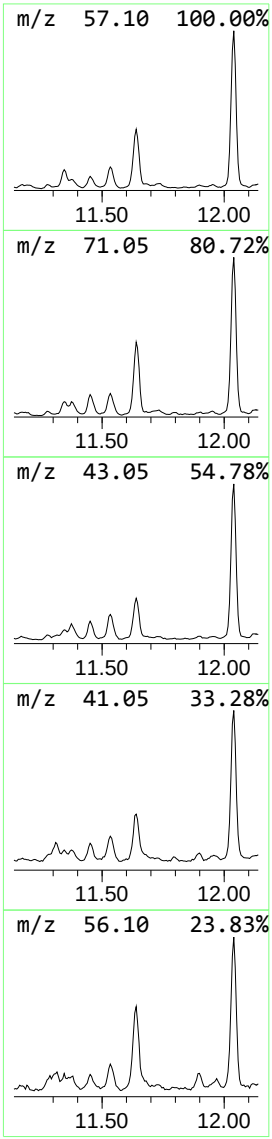
****

Peak Number 6 Dodecane, 4,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	3.46 ng	644058	Naphthalene-d8	10.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	81
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

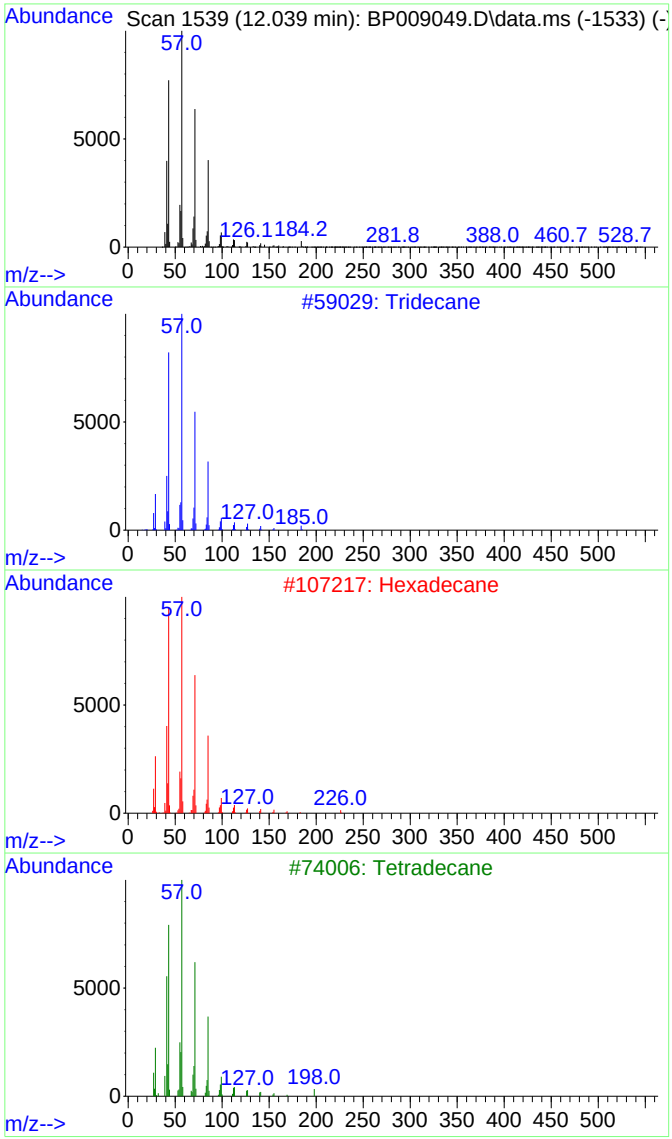
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

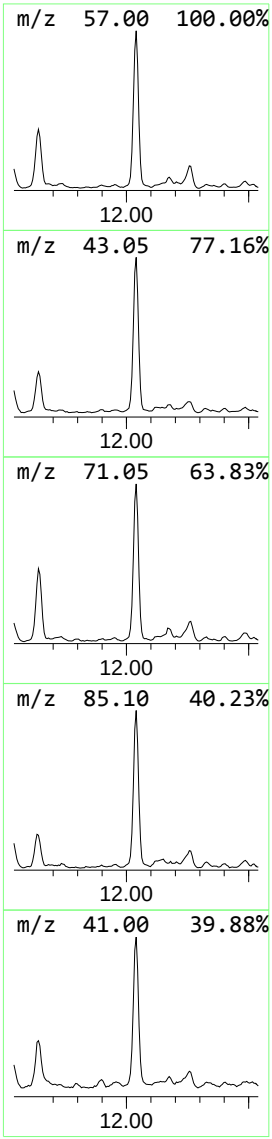
****

Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	7.66 ng	1425260	Naphthalene-d8	10.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

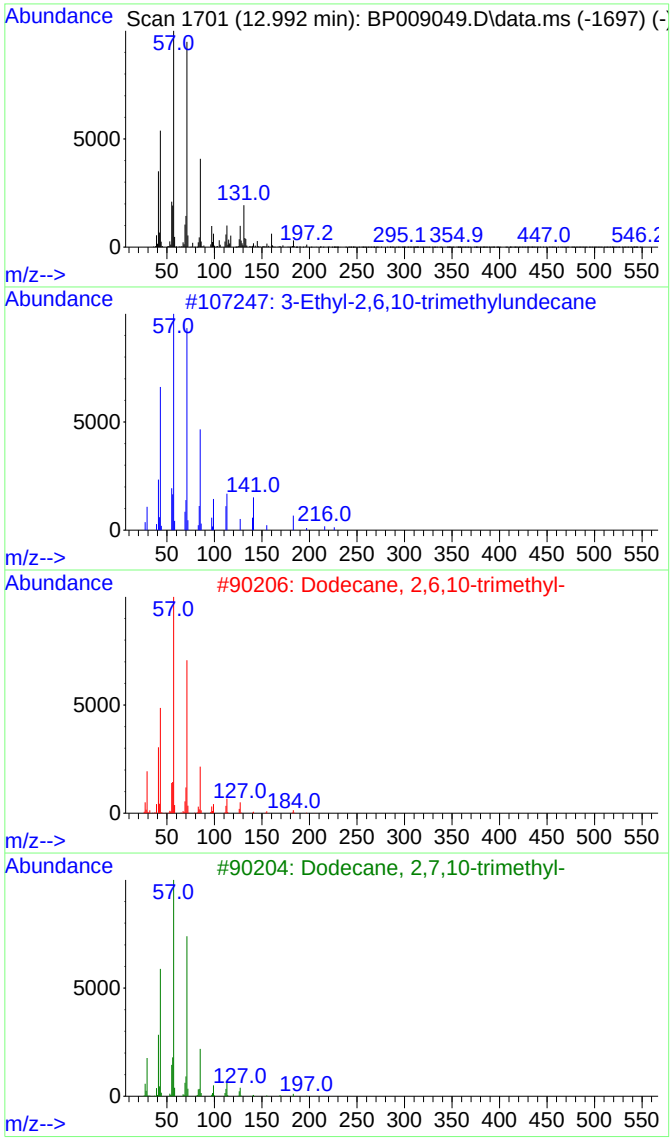
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

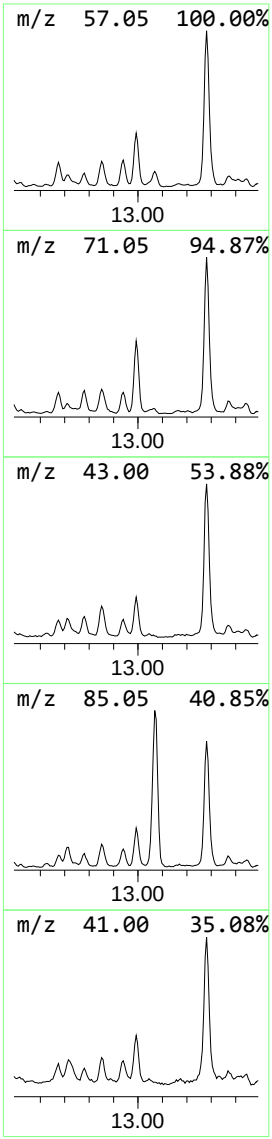
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3-Ethyl-2,6,10-trimethylund... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	3.33 ng	415624	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

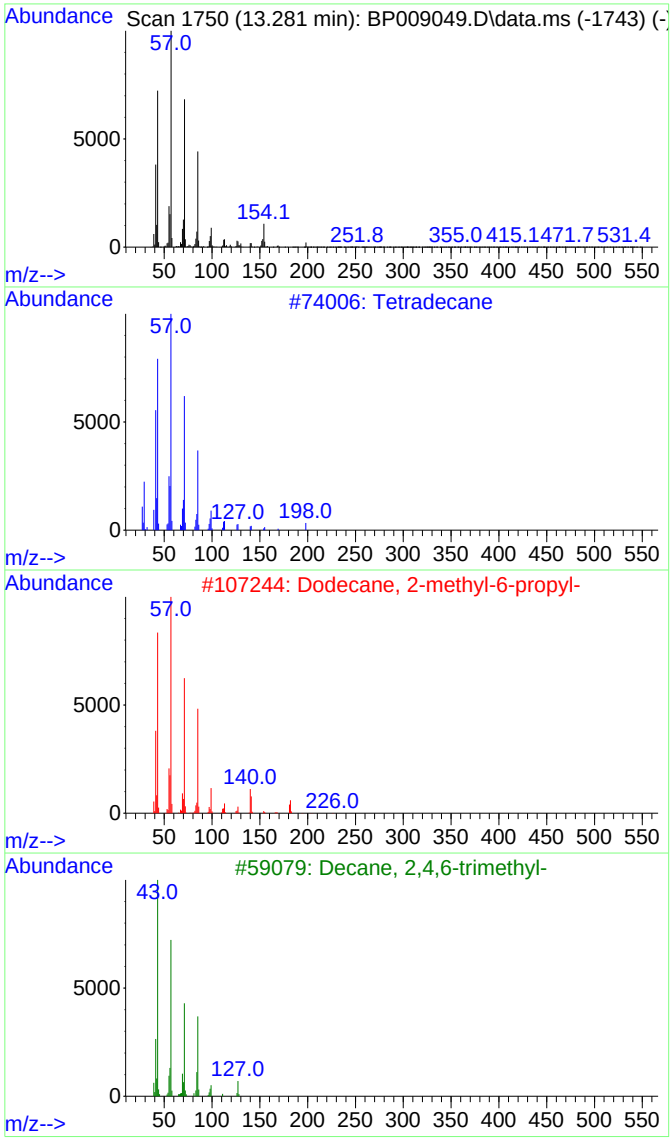
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

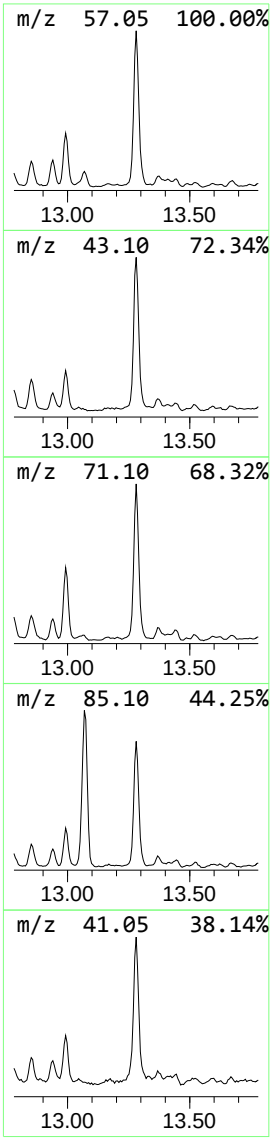
****

Peak Number 9 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	9.40 ng	1173210	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Tridecane	184	C13H28	000629-50-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

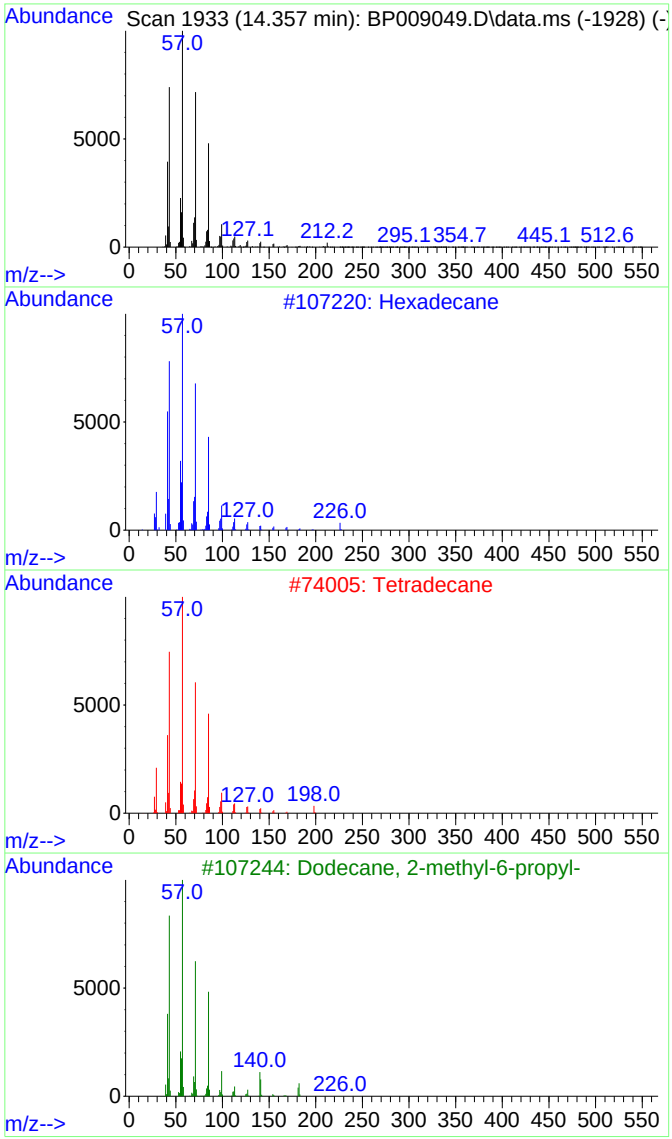
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

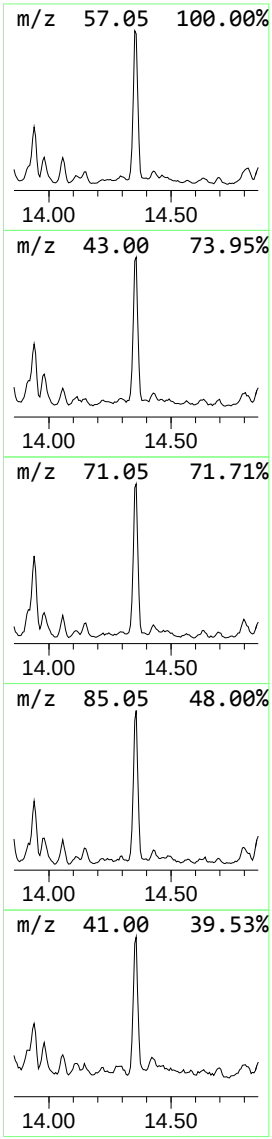
****

Peak Number 10 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	4.61 ng	574665	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

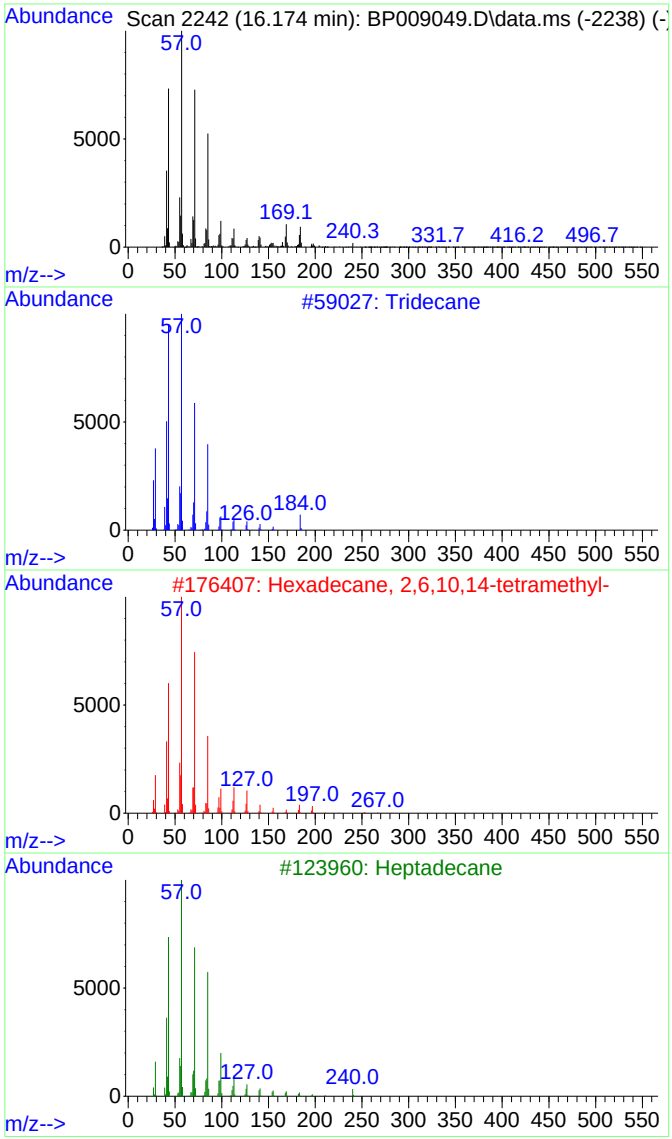
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

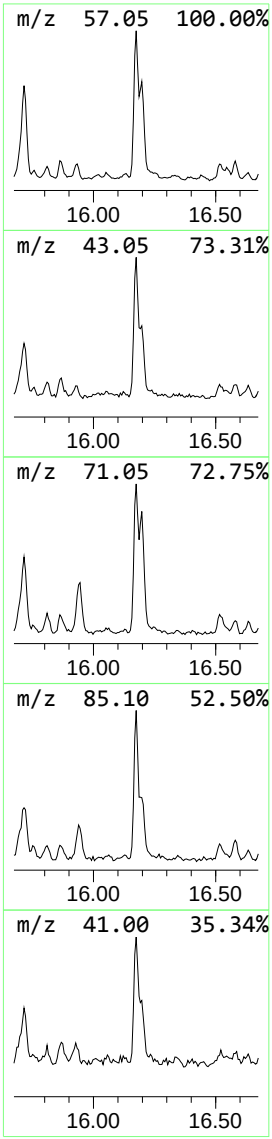
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.174	4.16 ng	543469	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	89
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

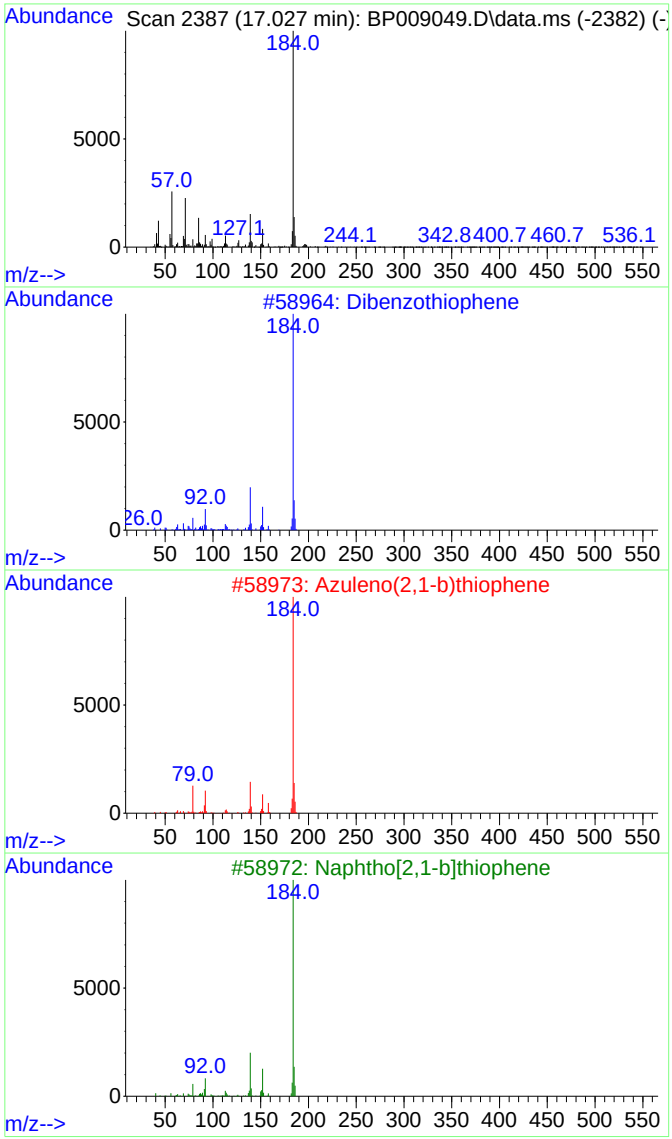
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

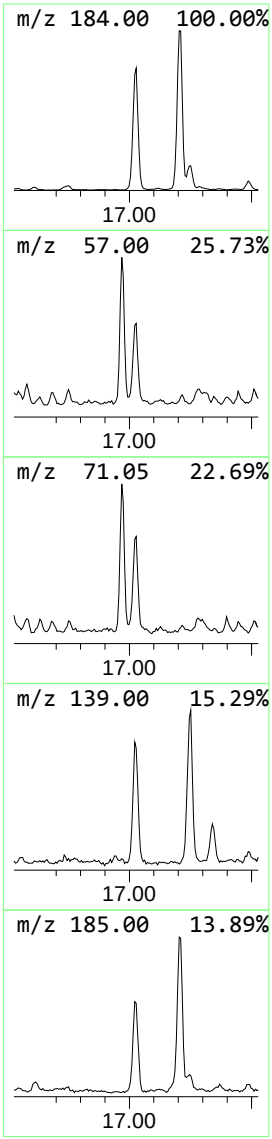
****

Peak Number 12 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.027	3.81 ng	498804	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

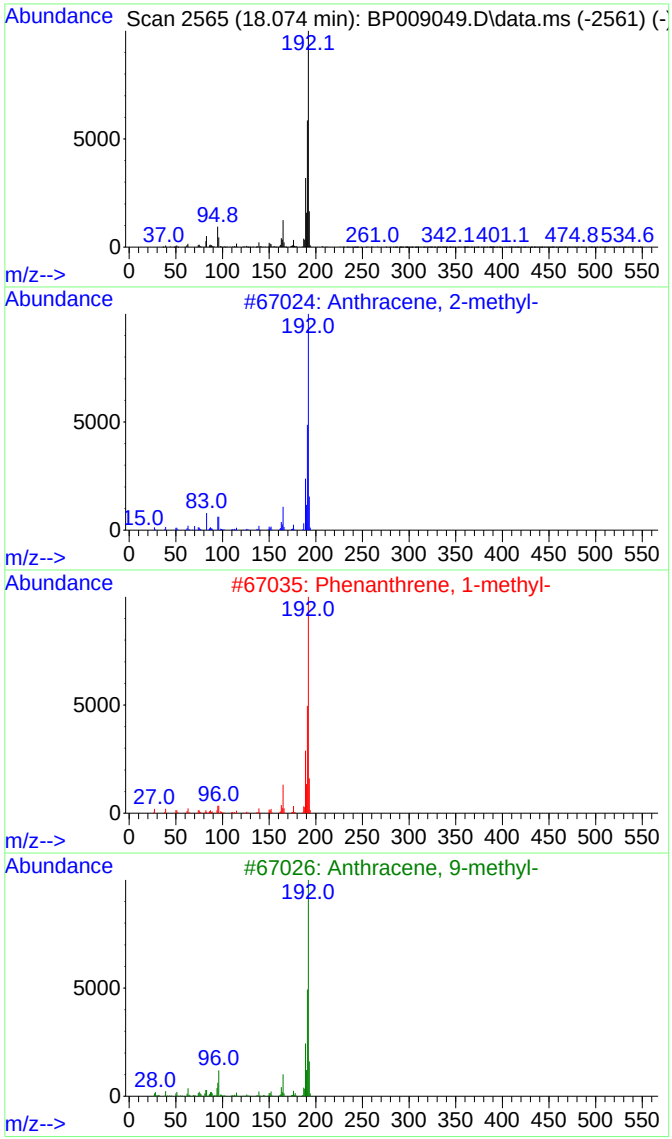
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

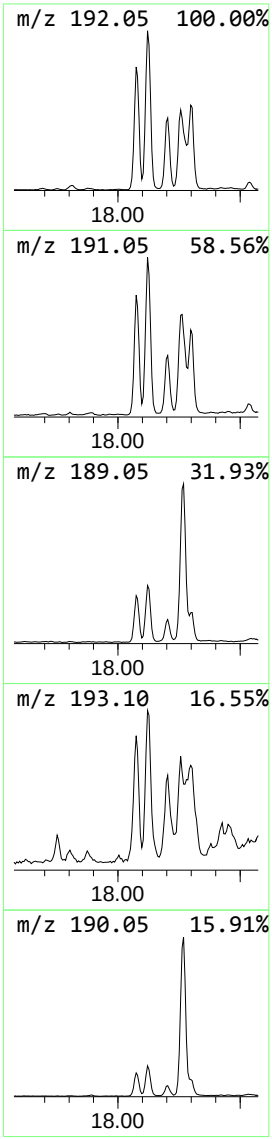
****

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	3.49 ng	455832	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

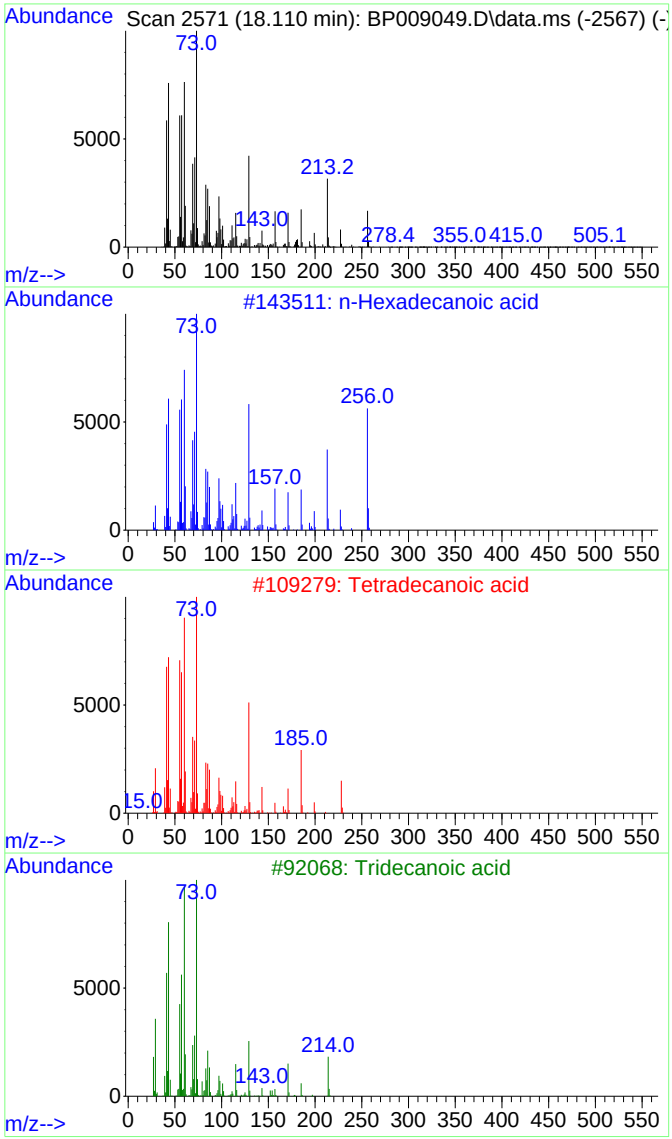
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

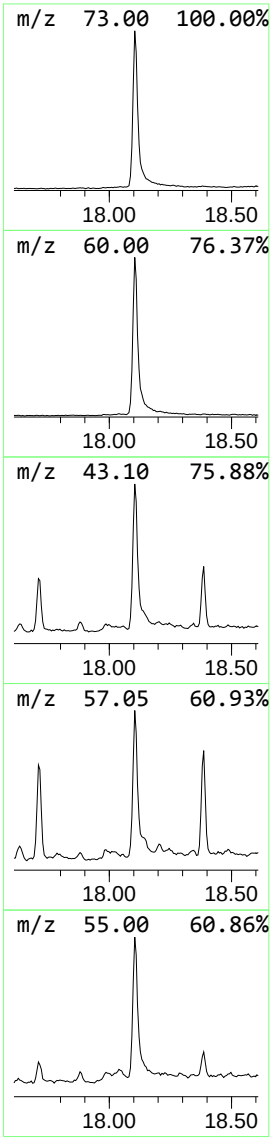
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	16.87 ng	2206110	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

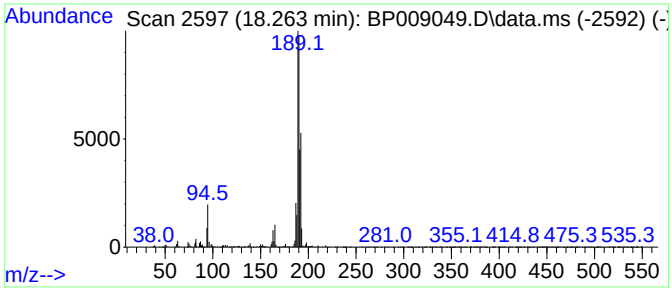
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

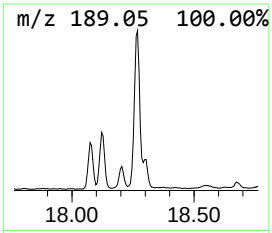
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

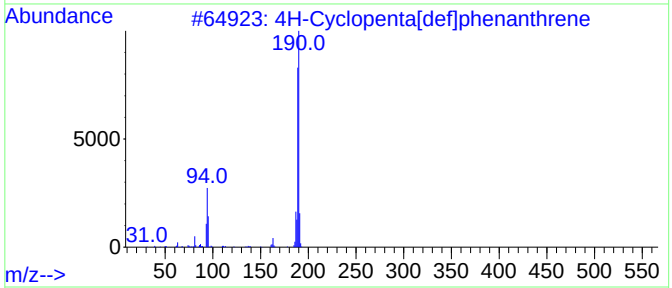
****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

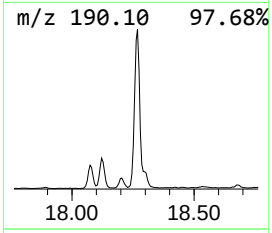
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	8.14 ng	1064060	Phenanthrene-d10	17.204

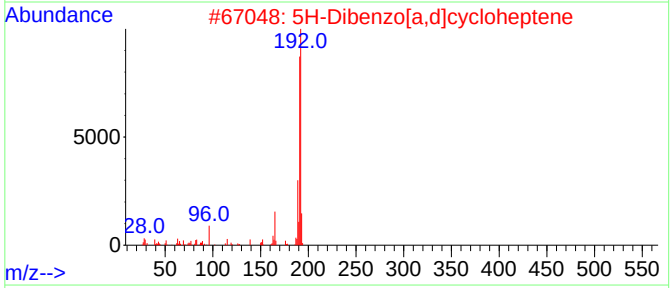
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
4	Megastigmatrienone	190	C13H18O	038818-55-2	18
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14

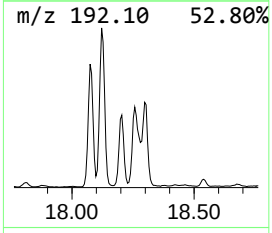


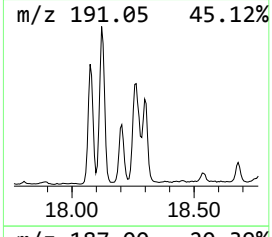


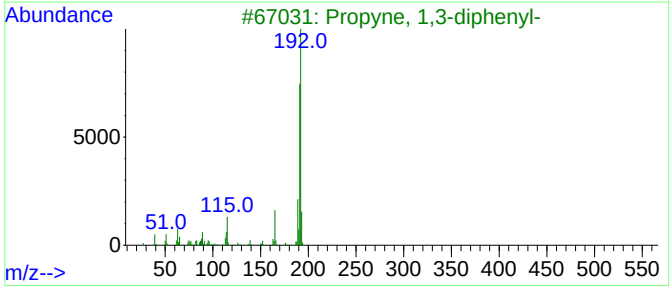


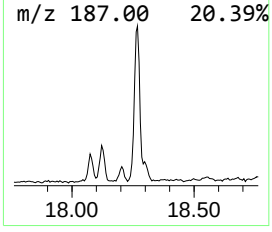












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

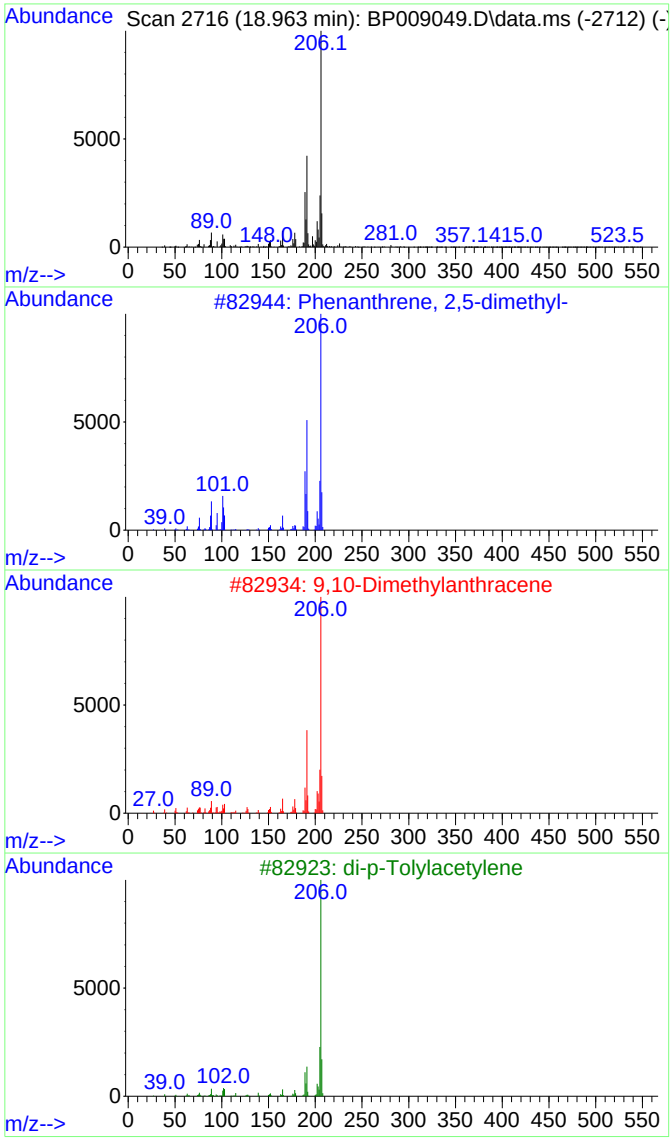
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

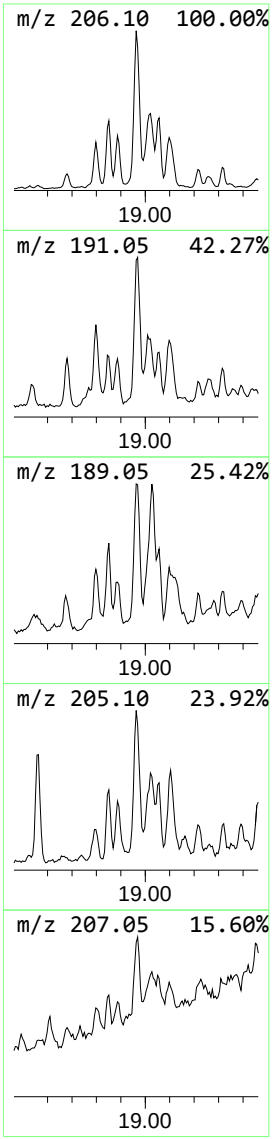
****

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	3.53 ng	461495	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

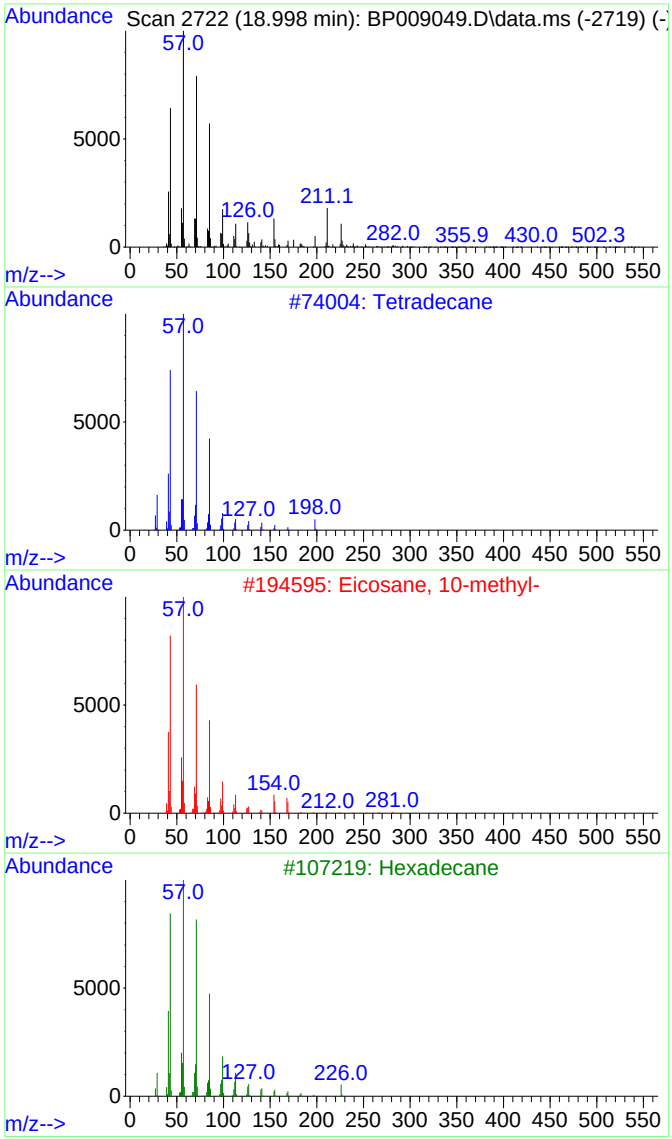
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

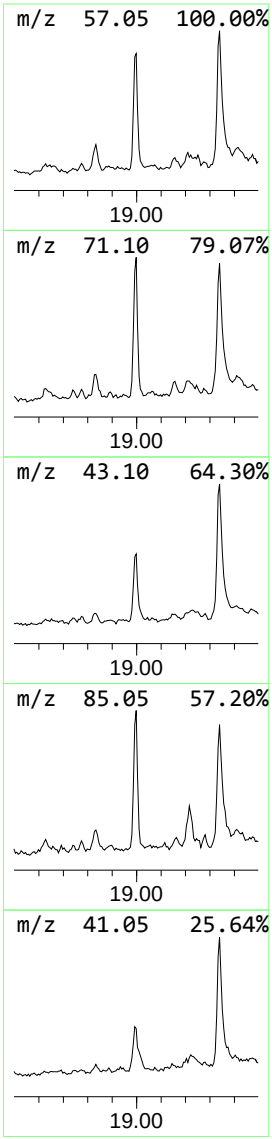
****

Peak Number 17 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	4.45 ng	582115	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Hexadecane	226	C16H34	000544-76-3	89
4	Nonadecane	268	C19H40	000629-92-5	74
5	Docosane	310	C22H46	000629-97-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

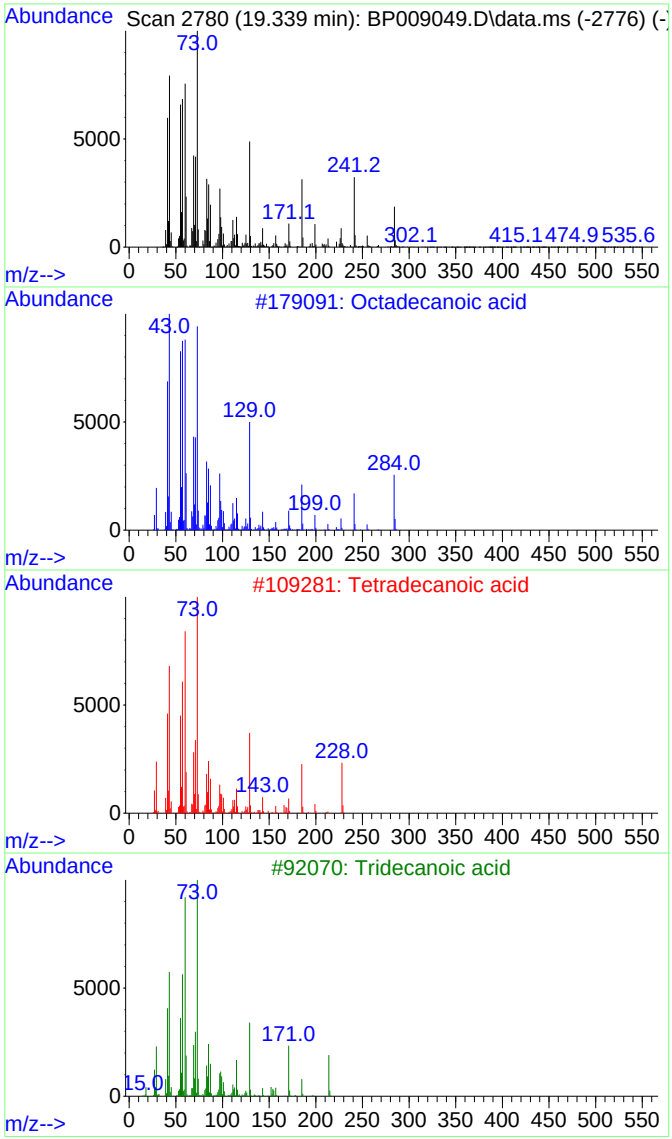
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

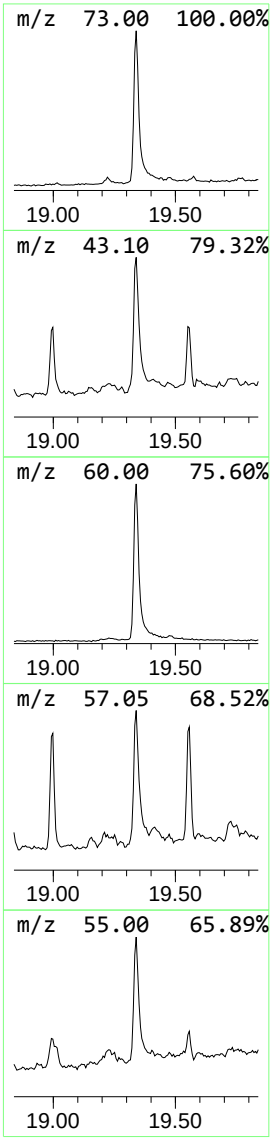
****

Peak Number 18 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	3.92 ng	1100690	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

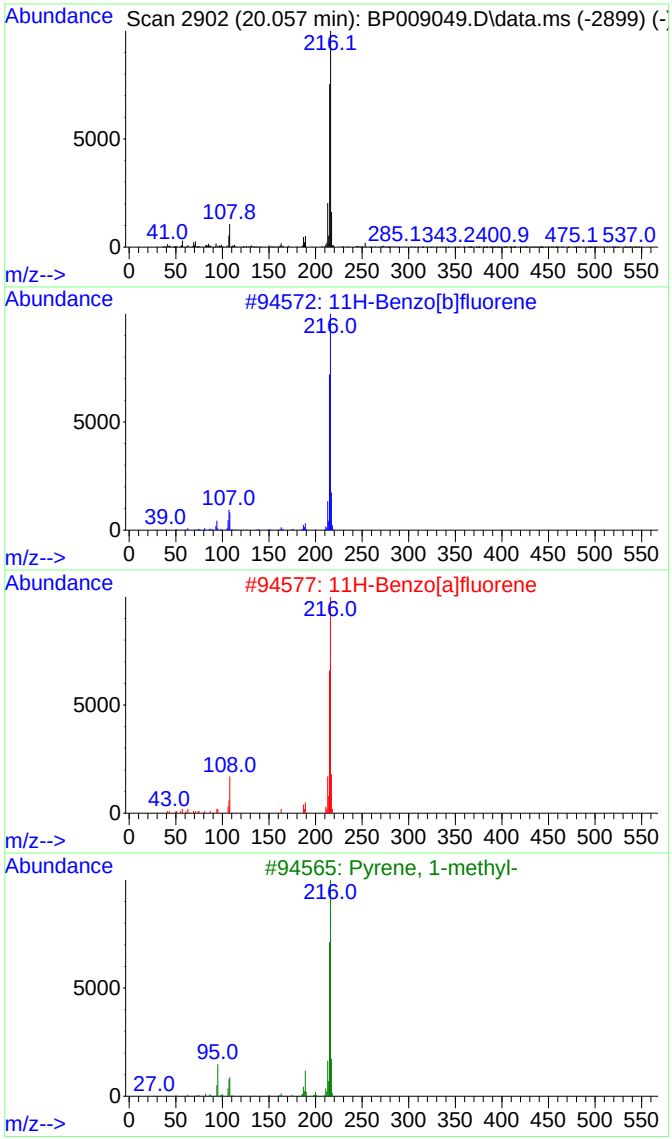
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

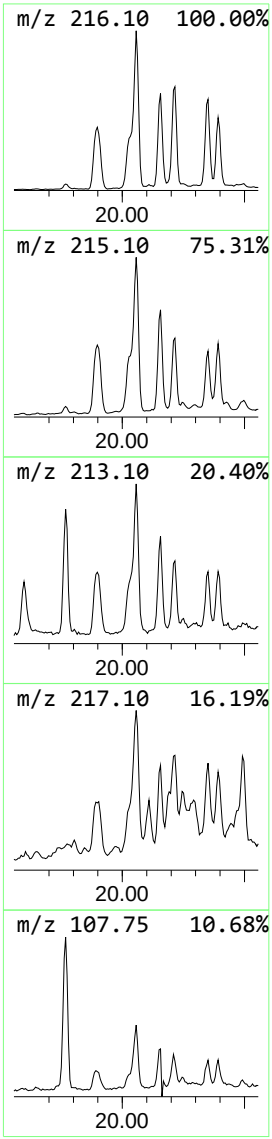
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.057	3.28 ng	920587	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

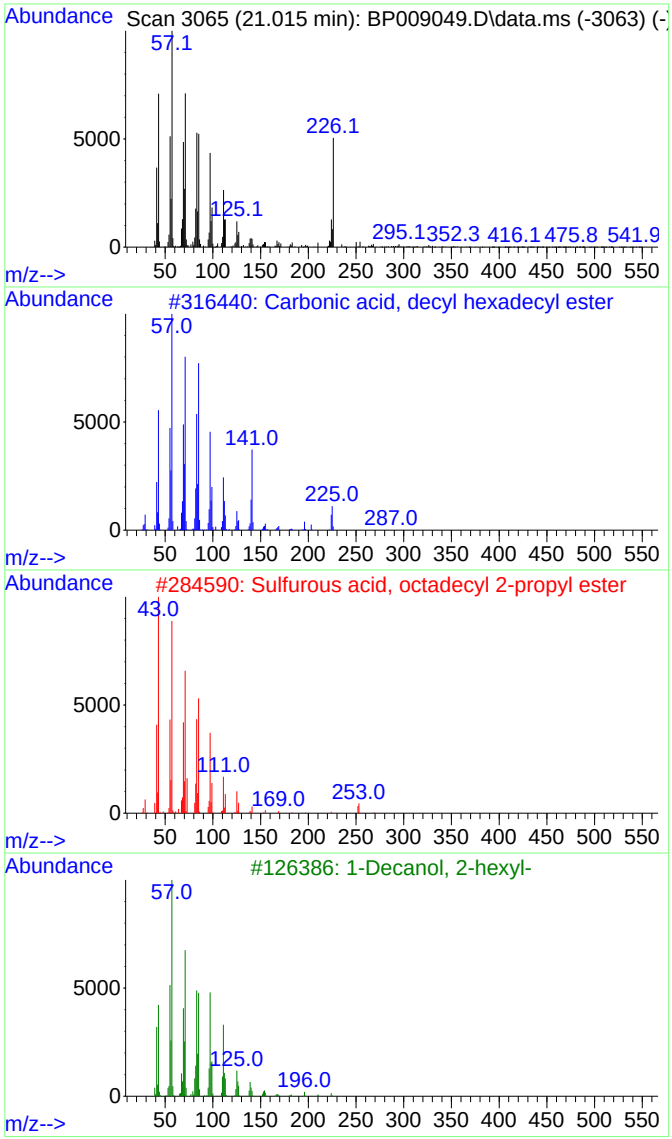
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

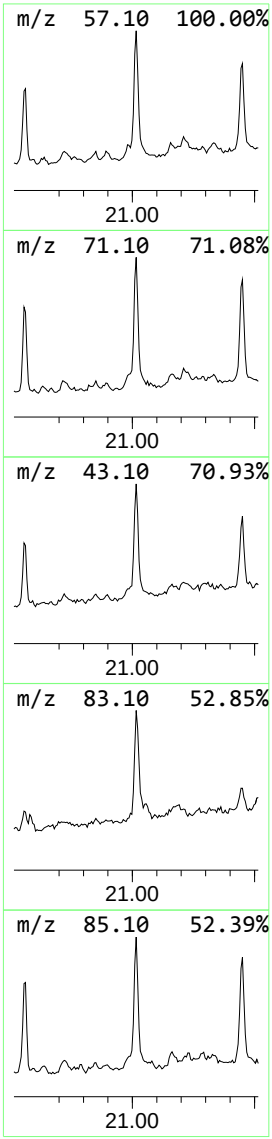
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Carbonic acid, decyl hexade... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	3.04 ng	852656	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	76
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	70
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009049.D
Acq On : 07 Feb 2022 16:30
Operator : CG/JU
Sample : N1373-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-3-020222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Butane, 2-metho...	3.016	3.8	ng	326998	1	7.804	1742630	20.0
Decane	7.434	6.2	ng	539864	1	7.804	1742630	20.0
Indene	8.345	4.9	ng	429485	1	7.804	1742630	20.0
Benzene, 4-ethy...	8.916	4.0	ng	345655	1	7.804	1742630	20.0
Undecane	9.040	15.1	ng	1311730	1	7.804	1742630	20.0
Dodecane, 4,6-d...	11.639	3.5	ng	644058	2	10.604	3723430	20.0
Tridecane	12.039	7.7	ng	1425260	2	10.604	3723430	20.0
3-Ethyl-2,6,10-...	12.992	3.3	ng	415624	3	14.451	2495800	20.0
Tetradecane	13.281	9.4	ng	1173210	3	14.451	2495800	20.0
Hexadecane	14.357	4.6	ng	574665	3	14.451	2495800	20.0
Hexadecane, 2,6...	16.174	4.2	ng	543469	4	17.204	2615500	20.0
Dibenzothiophene	17.027	3.8	ng	498804	4	17.204	2615500	20.0
Anthracene, 2-m...	18.074	3.5	ng	455832	4	17.204	2615500	20.0
n-Hexadecanoic ...	18.110	16.9	ng	2206110	4	17.204	2615500	20.0
4H-Cyclopenta[d...	18.263	8.1	ng	1064060	4	17.204	2615500	20.0
Phenanthrene, 2...	18.963	3.5	ng	461495	4	17.204	2615500	20.0
Eicosane, 10-me...	18.998	4.5	ng	582115	4	17.204	2615500	20.0
Octadecanoic acid	19.339	3.9	ng	1100690	5	21.298	5613300	20.0
11H-Benzo[b]flu...	20.057	3.3	ng	920587	5	21.298	5613300	20.0
Carbonic acid, ...	21.015	3.0	ng	852656	5	21.298	5613300	20.0