LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM047812.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.828	477	483	489	rVV	182753	269159	2.77%	0.588%
2	6.122	529	533	540	rVV	85614	140167	1.44%	0.306%
3	6.299	558	563	570	rBV6	45338	89235	0.92%	0.195%
4	6.369	570	575	579	rBV	69347	97811	1.01%	0.214%
5	6.451	584	589	592	rVV2	49856	105284	1.08%	0.230%
6	6.804	645	649	654	rVB2	100187	152716	1.57%	0.334%
7	6.857	654	658	662	rBV	121327	182105	1.87%	0.398%
8	6.899	662	665	670	rVB	96778	134565	1.38%	0.294%
9	6.969	670	677	682	rBV3	167095	326784	3.36%	0.714%
10	7.028	682	687	692	rVB	64847	97503	1.00%	0.213%
11	7.193	709	715	719	rVV2	69429	114641	1.18%	0.251%
12	7.234	719	722	726	rVV	79427	116690	1.20%	0.255%
13	7.328	734	738	743	rVV3	53950	97344	1.00%	0.213%
14	7.434	750	756	765	rVV2	702301	1185040	12.19%	2.590%
15	7.646	784	792	795	rBV4	29351	72661	0.75%	0.159%
16	7.728	798	806	811	rVV5	42705	121119	1.25%	0.265%
17	7.798	811	818	824	rVV	826558	1439704	14.82%	3.146%
18	7.869	824	830	835	rVV	253458	418371	4.31%	0.914%
19	7.922	835	839	846	rVB4	61354	114784	1.18%	0.251%
20	7.998	846	852	854	rBV4	55244	77934	0.80%	0.170%
21	8.028	854	857	861	rVV2	61679	90540	0.93%	0.198%
22	8.098	866	869	876	rVB4	60772	103391	1.06%	0.226%
23	8.234	886	892	897	rBV	152670	259016	2.67%	0.566%
24	8.287	897	901	906	rBV2	40615	75575	0.78%	0.165%
25	8.340	906	910	917	rVB2	114838	209948	2.16%	0.459%
26	8.398	917	920	924	rBV	83258	100423	1.03%	0.219%
27	8.445	924	928	929	rBV	105448	132794	1.37%	0.290%
28	8.469	930	932	936	rVB	117375	130774	1.35%	0.286%
29	8.575	944	950	953	rBV	139161	213683	2.20%	0.467%
30	8.610	953	956	964	rVV2	82523	148130	1.52%	0.324%
31	8.757	977	981	985	rBV	66754	100721	1.04%	0.220%
32	8.804	985	989	998	rVB2	95836	174393	1.79%	0.381%
33	8.910	998	1007	1018	rBV5	111149	312624	3.22%	0.683%
34	9.034	1018	1028	1034	rBV	642960	978538	10.07%	2.139%
35	9.157	1039	1049	1055	rBV7	74812	224078	2.31%	0.490%
36	9.240	1055	1063	1067	rBV5	49702	112767	1.16%	0.246%

LSC Area Percent Report

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Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

37	9.598	1116	1124	1130	rVB2	45565	98661	1.02%	0.216%
38	9.687	1130	1139	1143	rBV5	51796	131529	1.35%	0.287%
39	9.739	1143	1148	1153	rBV4	61995	121207	1.25%	0.265%
40	9.887	1164	1173	1179	rVB3	76616	173985	1.79%	0.380%
41	9.951	1179	1184	1188	rBV2	53637	87146	0.90%	0.190%
42	10.034	1194	1198	1201	rVV2	55304	89185	0.92%	0.195%
43	10.292	1237	1242	1247	rBV2	59106	96508	0.99%	0.211%
44	10.592	1281	1293	1300	rBV3	1765287	3229123	33.23%	7.057%
45	10.645	1300	1302	1308	rVB2	47148	73334	0.75%	0.160%
46	10.716	1308	1314	1320	rBV3	215474	378138	3.89%	0.826%
47	10.881	1336	1342	1353	rVB7	32216	94924	0.98%	0.207%
48	10.981	1353	1359	1371	rVB	229841	396694	4.08%	0.867%
49	11.104	1371	1380	1387	rBV	112725	242259	2.49%	0.529%
50	11.628	1464	1469	1474	rBV	119415	200679	2.07%	0.439%
51	11.692	1474	1480	1489	rVB5	84836	183254	1.89%	0.401%
52	11.863	1500	1509	1517	rBV2	120800	239683	2.47%	0.524%
53	12.022	1528	1536	1540	rBV2	217731	369177	3.80%	0.807%
54	12.057	1540	1542	1548	rVB	110628	147611	1.52%	0.323%
55	12.269	1571	1578	1584	rVB2	213454	404305	4.16%	0.884%
56	12.433	1601	1606	1610	rBV4	87889	155435	1.60%	0.340%
57	12.669	1635	1646	1649	rBV2	37673	91834	0.95%	0.201%
58	12.839	1671	1675	1685	rVB6	37647	93419	0.96%	0.204%
59	12.986	1695	1700	1702	rVV	57960	84085	0.87%	0.184%
60	13.269	1743	1748	1756	rVV	246712	370288	3.81%	0.809%
61	13.492	1779	1786	1793	rVB6	59156	148133	1.52%	0.324%
62	13.622	1798	1808	1817	rBV5	83638	246324	2.53%	0.538%
63	13.704	1817	1822	1826	rBV3	55053	79040	0.81%	0.173%
64	13.757	1826	1831	1835	rBV2	78989	146293	1.51%	0.320%
65	13.845	1843	1846	1852	rVB2	71645	102295	1.05%	0.224%
66	13.927	1852	1860	1864	rBV2	87032	166499	1.71%	0.364%
67	14.075	1881	1885	1892	rBV7	55523	103135	1.06%	0.225%
68	14.345	1926	1931	1935	rBV	547148	681990	7.02%	1.490%
69	14.439	1940	1947	1954	rVV	1669810	2582955	26.58%	5.645%
70	14.516	1954	1960	1966	rVV6	79022	151210	1.56%	0.330%
71	14.580	1966	1971	1977	rVB	114555	173143	1.78%	0.378%
72	14.651	1977	1983	1991	rBV6	69703	174588	1.80%	0.382%
73	14.839	2011	2015	2020	rVB2	70075	114361	1.18%	0.250%
74	14.910	2021	2027	2030	rVB2	46412	74516	0.77%	0.163%
75	14.969	2032	2037	2041	rBV3	61677	113058	1.16%	0.247%
76	15.057	2047	2052	2057	rBV	484101	639226	6.58%	1.397%

LSC Area Percent Report

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Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

77	15.198	2072	2076	2079	rBV2	102144	142303	1.46%	0.311%
78	15.292	2084	2092	2097	rVB	287404	430667	4.43%	0.941%
79	15.427	2111	2115	2120	rVB	82994	108833	1.12%	0.238%
80	15.533	2128	2133	2136	rBV5	65834	115578	1.19%	0.253%
81	15.698	2156	2161	2170	rVB	106785	195528	2.01%	0.427%
82	15.792	2173	2177	2183	rVB6	67966	110028	1.13%	0.240%
83	15.910	2193	2197	2207	rVB8	44520	98920	1.02%	0.216%
84	16.151	2234	2238	2241	rBV	309935	427371	4.40%	0.934%
85	16.827	2347	2353	2366	rBV	6820356	9717498	100.00%	21.238%
86	16.939	2368	2372	2377	rVV	257875	379888	3.91%	0.830%
87	16.992	2378	2381	2392	rVB	142229	241244	2.48%	0.527%
88	17.174	2406	2412	2418	rBV	2169906	3017367	31.05%	6.594%
89	17.274	2425	2429	2433	rVB	96672	145892	1.50%	0.319%
90	17.474	2458	2463	2470	rVB8	49225	95401	0.98%	0.208%
91	17.680	2493	2498	2503	rVB	237550	289427	2.98%	0.633%
92	17.851	2522	2527	2531	rBV	187498	222492	2.29%	0.486%
93	18.368	2611	2615	2622	rBV	188339	230217	2.37%	0.503%
94	19.004	2719	2723	2724	rBV	146088	171257	1.76%	0.374%
95	19.157	2745	2749	2754	rBV2	70426	88631	0.91%	0.194%
96	19.562	2813	2818	2819	rBV	105052	149625	1.54%	0.327%
97	20.109	2908	2911	2916	rBV2	86963	106235	1.09%	0.232%
98	21.086	3073	3077	3082	rBV	167452	197291	2.03%	0.431%
99	21.398	3125	3130	3137	rBV2	2167188	3315807	34.12%	7.247%
100	24.403	3632	3641	3657	rVB	1448495	3788385	38.99%	8.280%

Sum of corrected areas: 45756126

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
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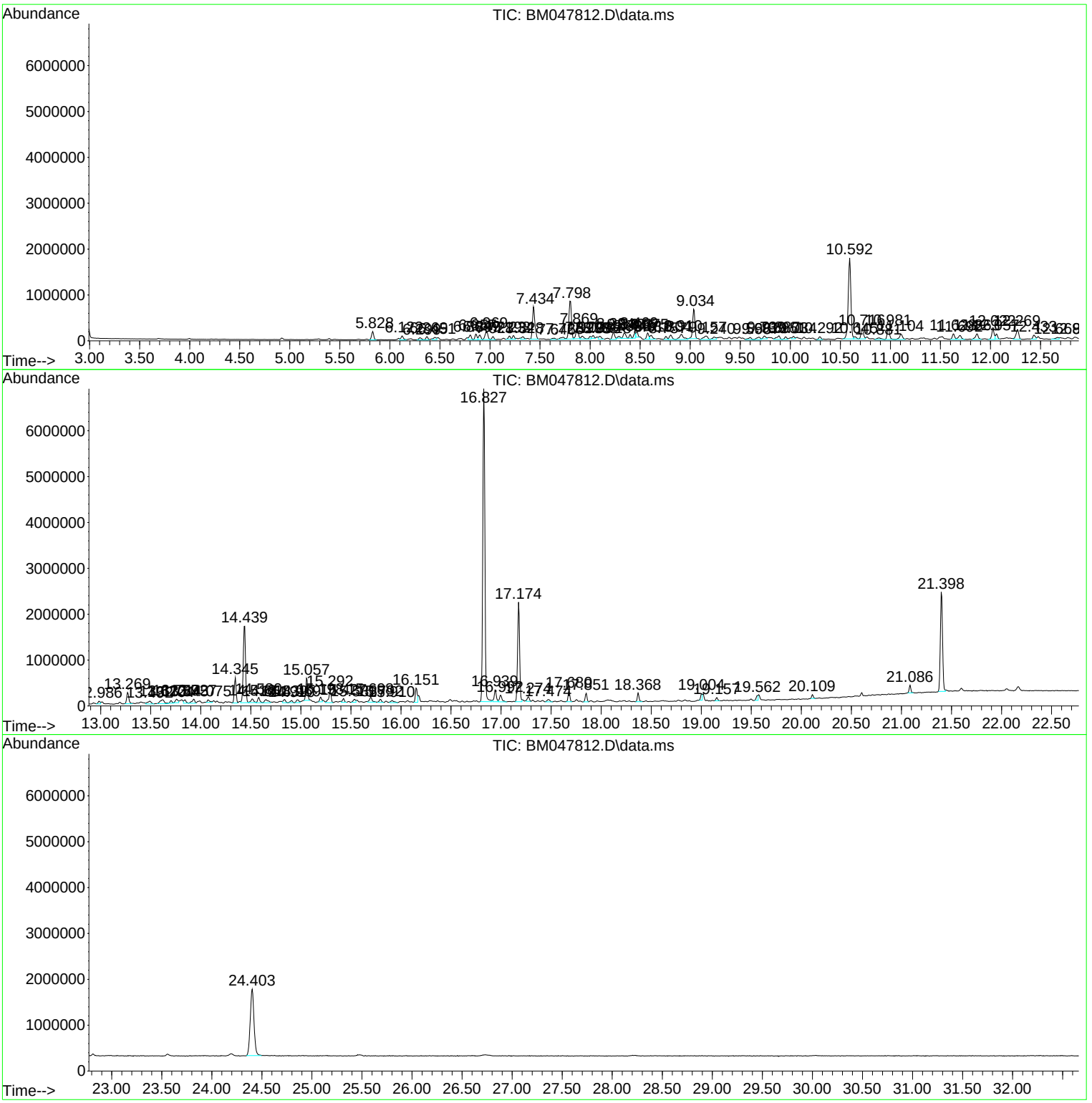
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

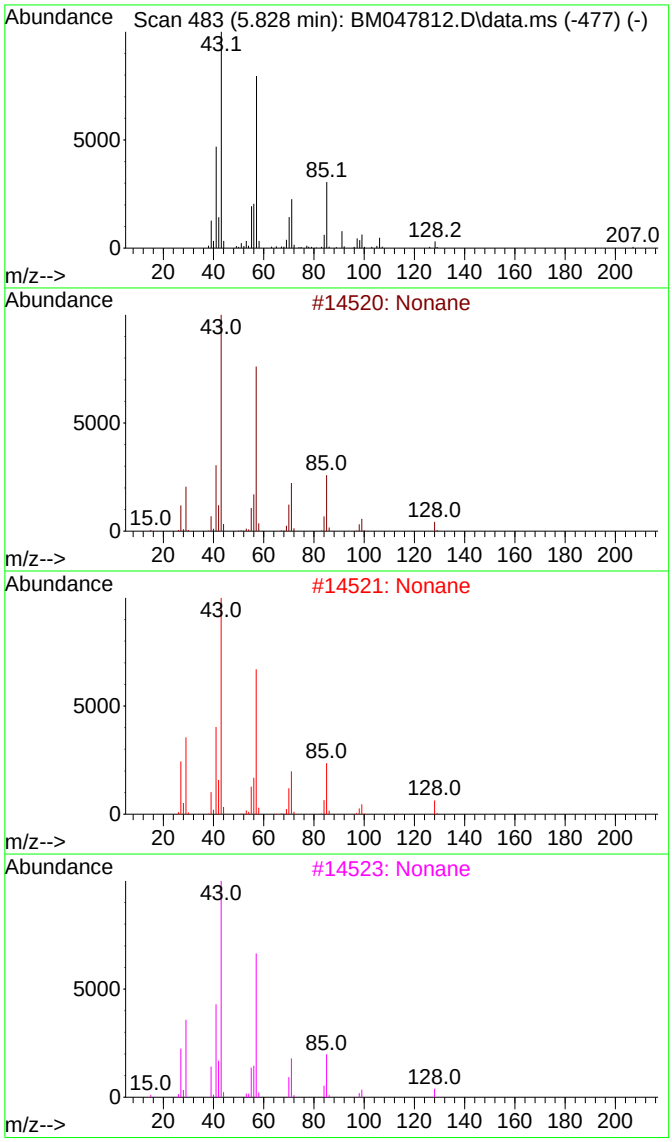
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

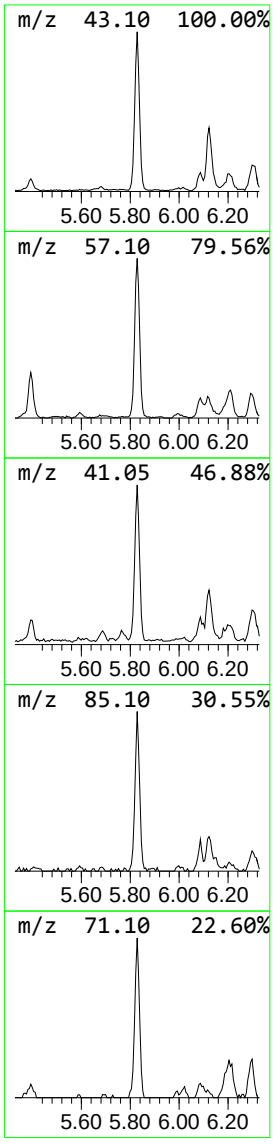
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	3.74 ng/ul	269159	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Nonane	128	C9H20	000111-84-2	78
3	Nonane	128	C9H20	000111-84-2	78
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	59
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

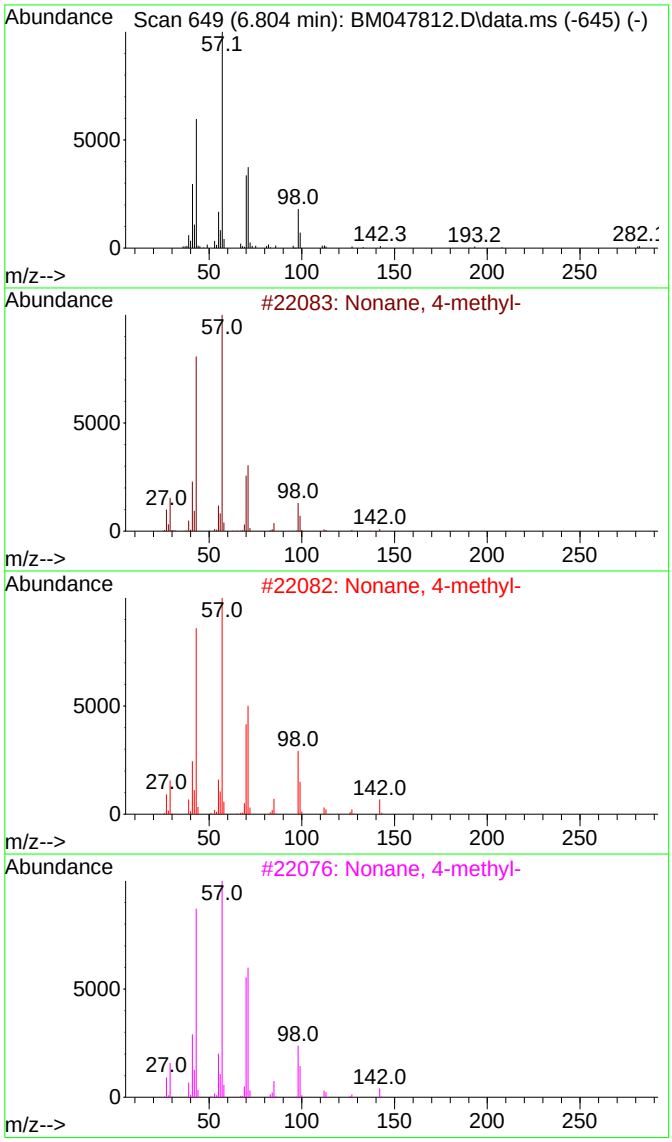
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

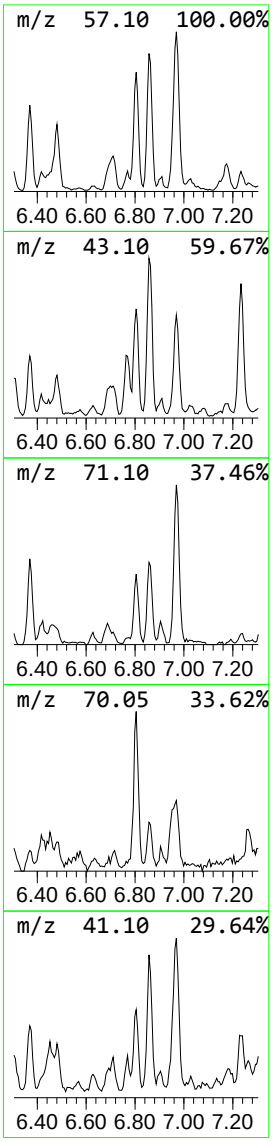
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.804	2.12 ng/ul	152716	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

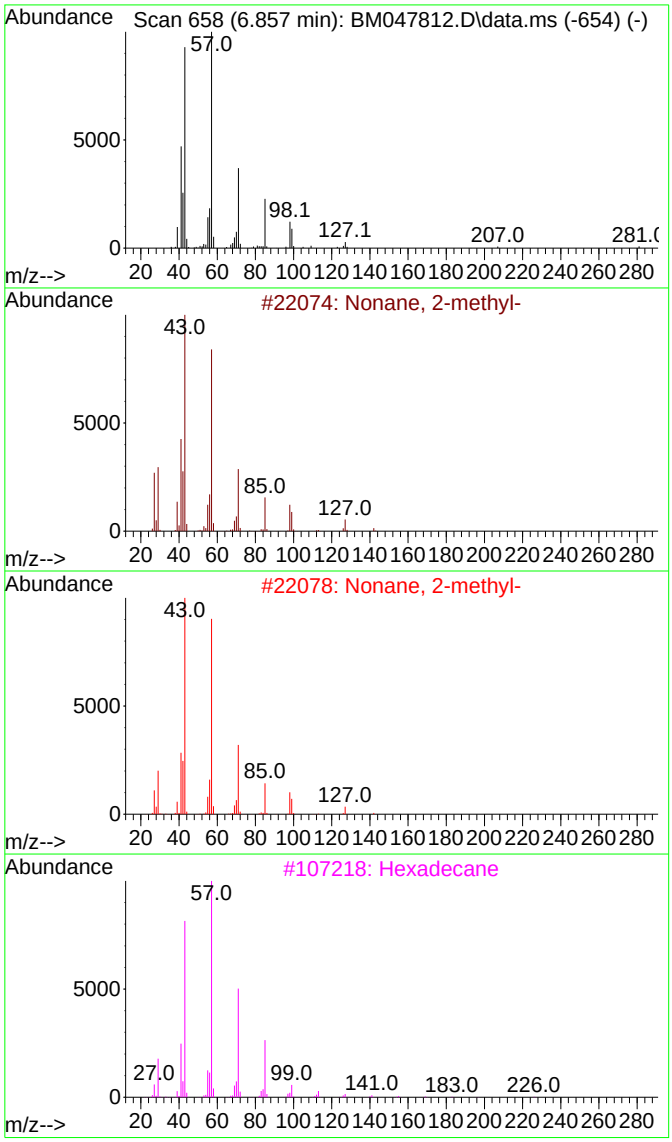
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

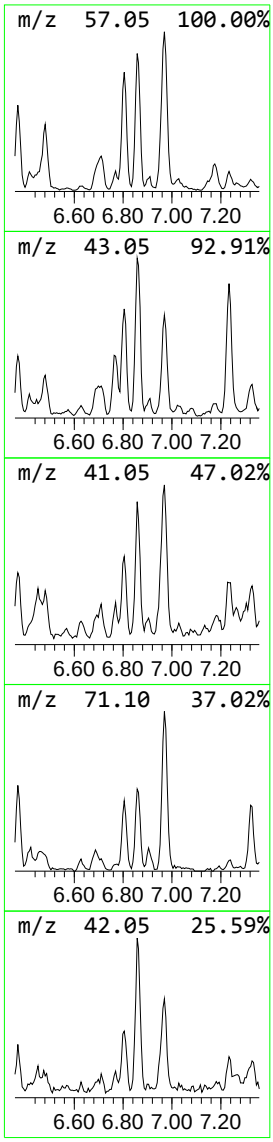
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.857	2.53 ng/ul	182105	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	80
3	Hexadecane	226	C16H34	000544-76-3	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	59
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
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Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

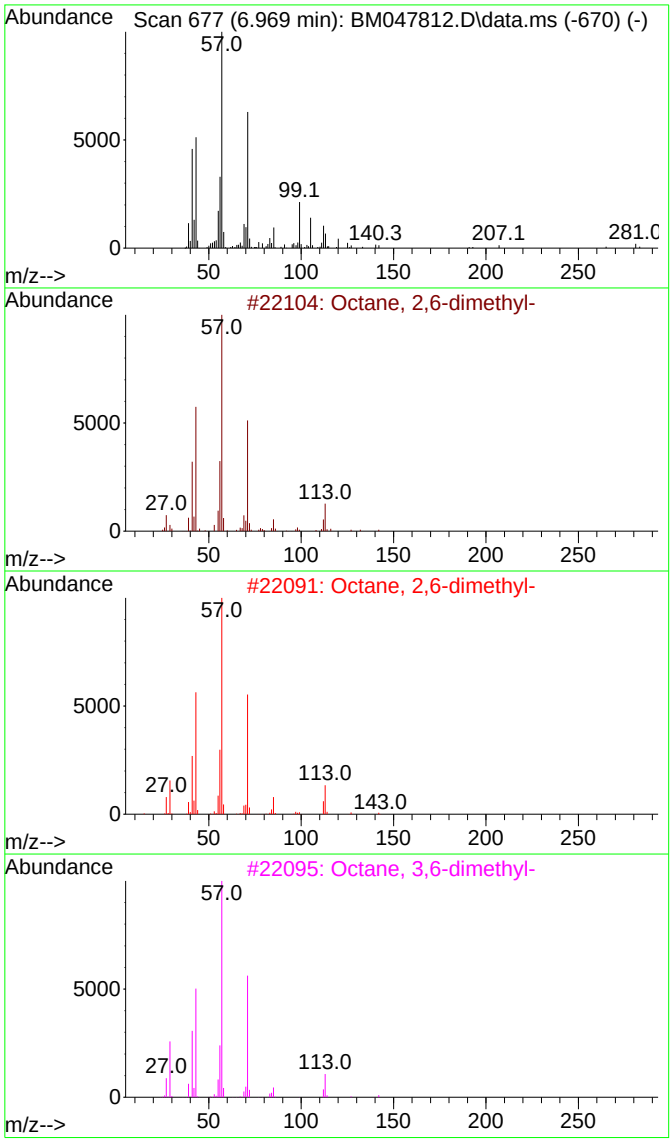
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

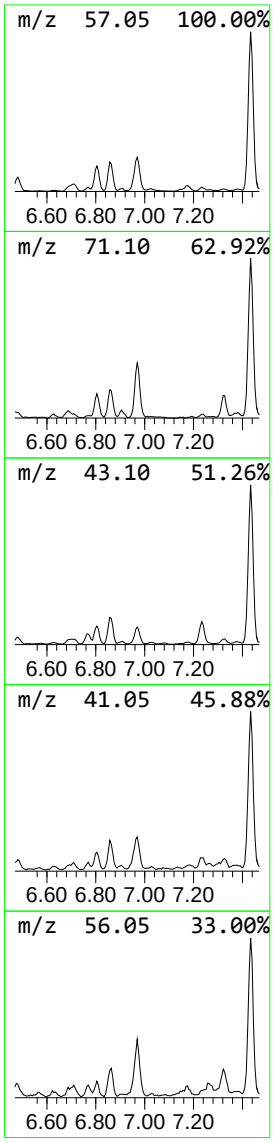
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	4.54 ng/ul	326784	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

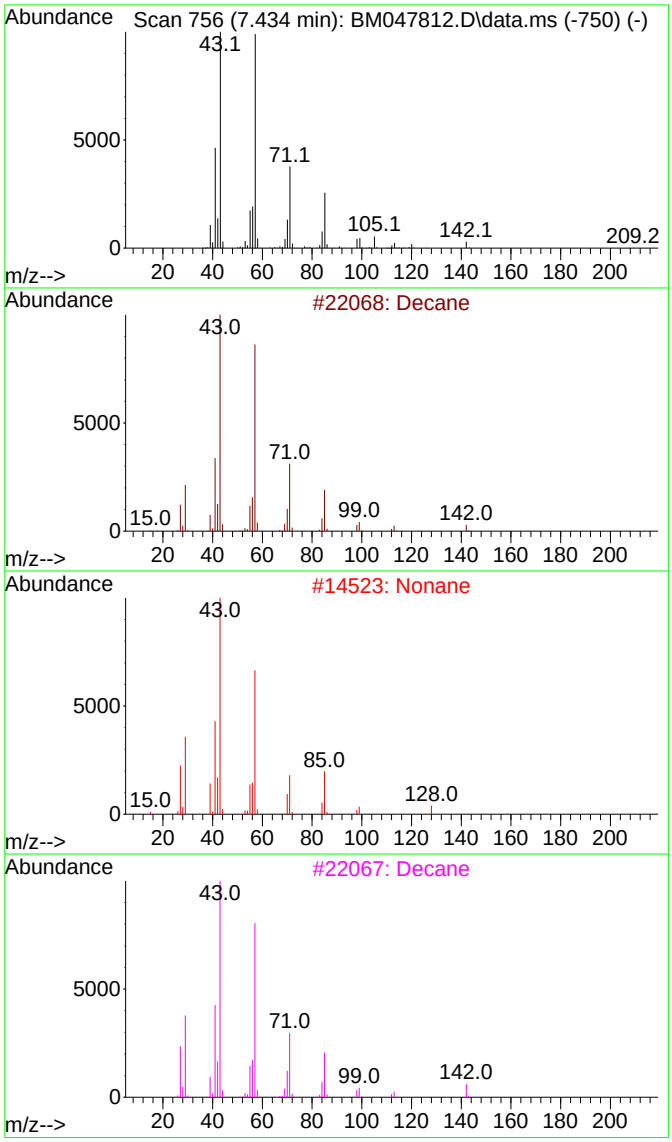
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

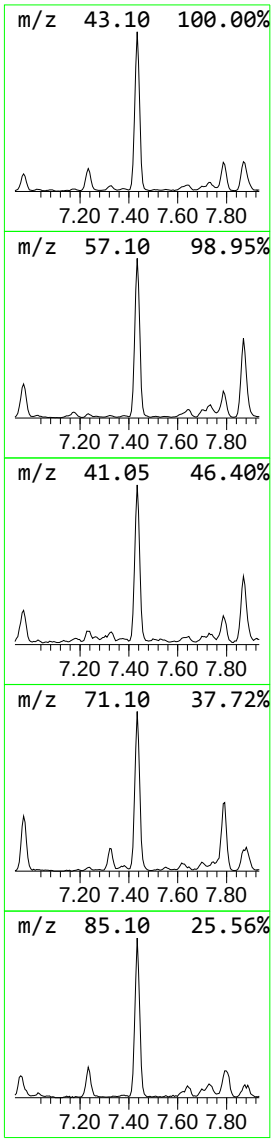
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.434	16.46 ng/ul	1185040	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Nonane	128	C9H20	000111-84-2	83
3	Decane	142	C10H22	000124-18-5	83
4	Nonane	128	C9H20	000111-84-2	83
5	Undecane	156	C11H24	001120-21-4	78





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Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

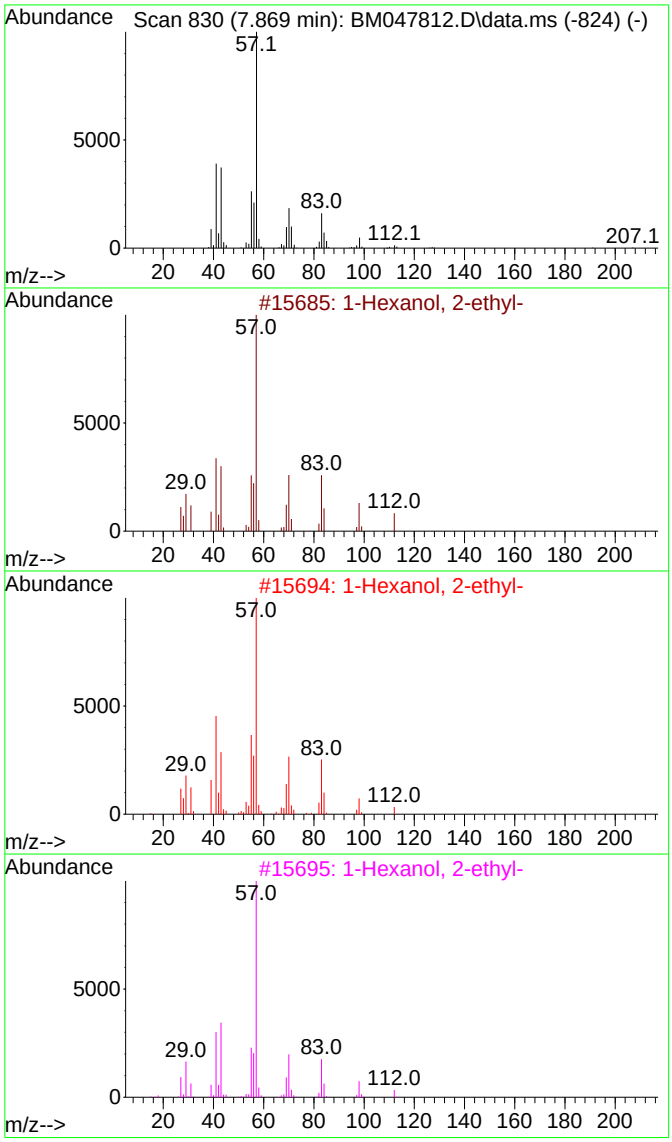
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

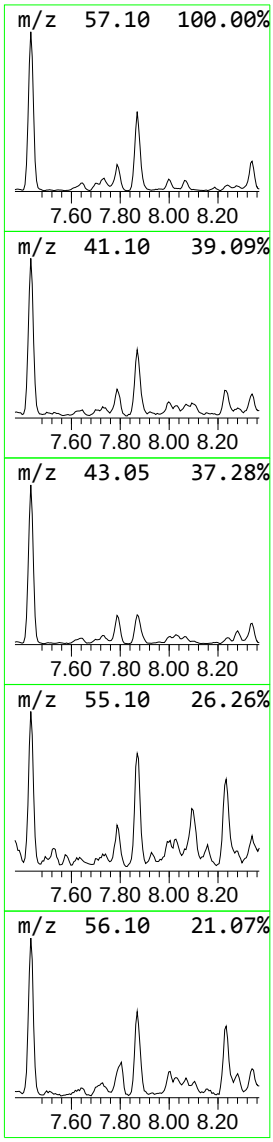
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.869	5.81 ng/ul	418371	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





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Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

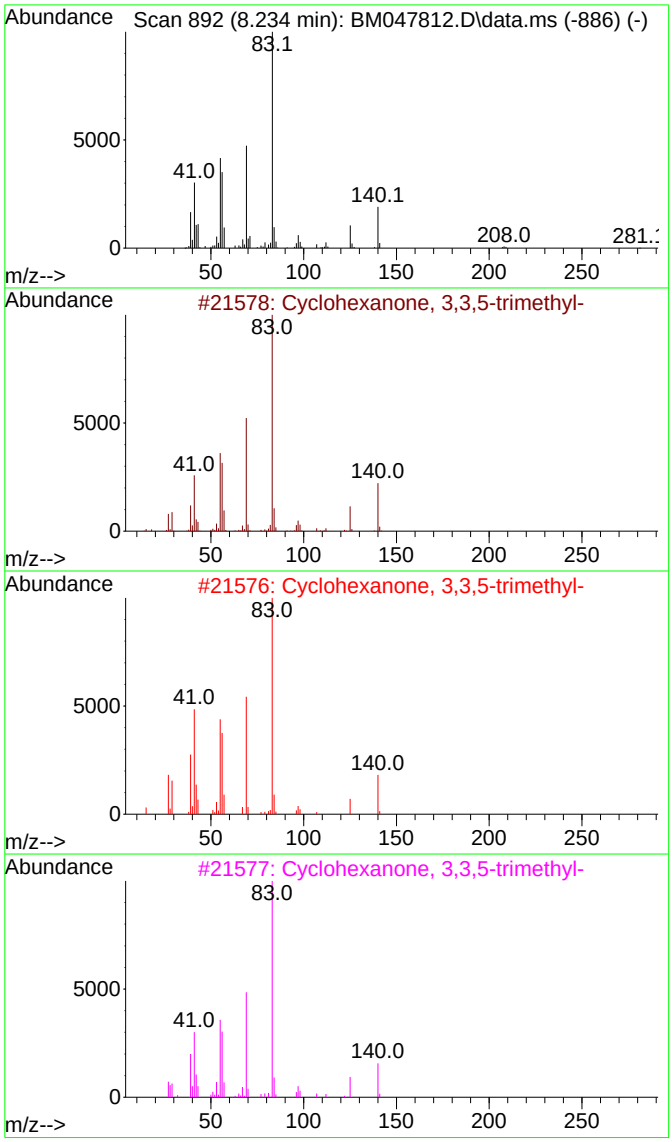
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

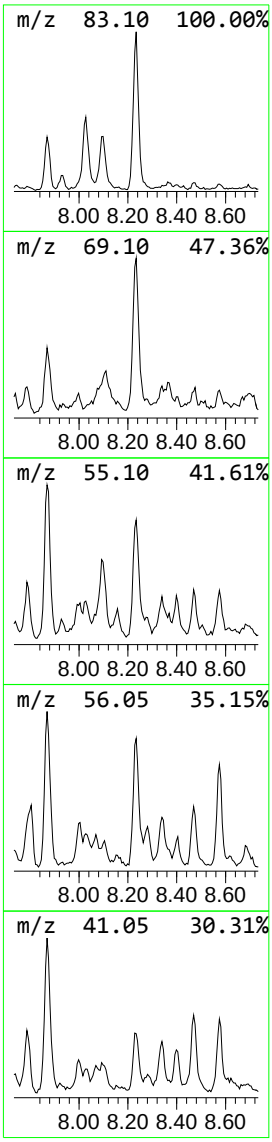
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexanone, 3,3,5-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	3.60 ng/ul	259016	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	59





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Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

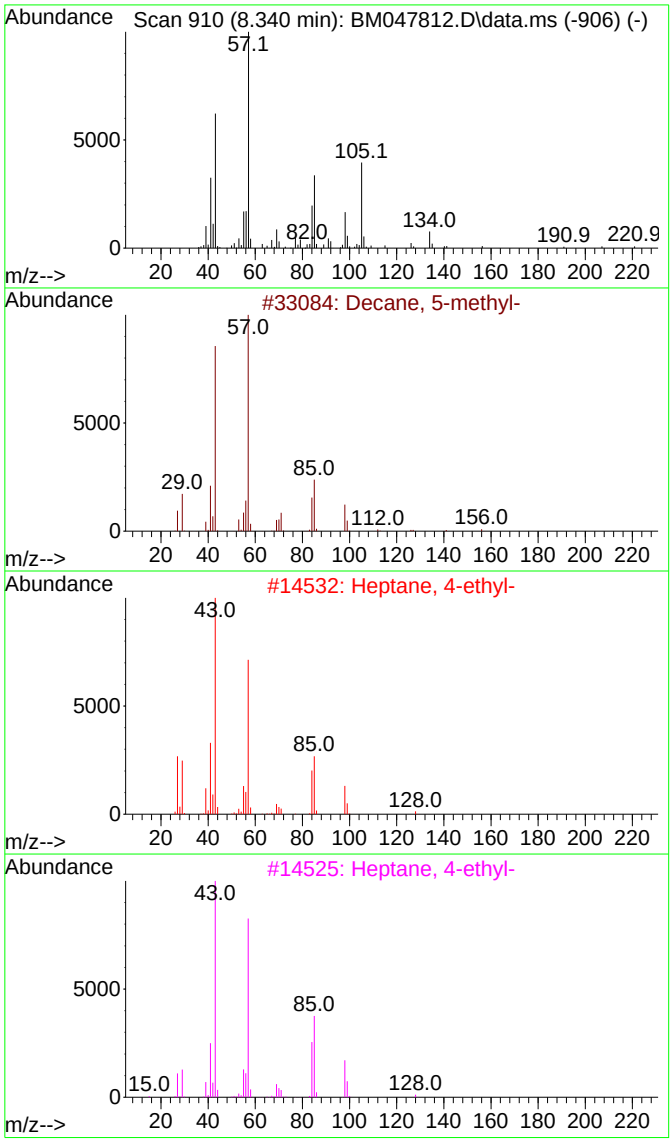
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

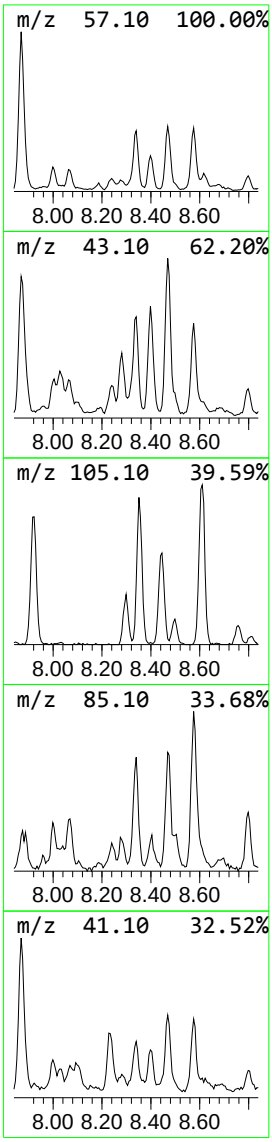
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.340	2.92 ng/ul	209948	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	70
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
4	Nonane	128	C9H20	000111-84-2	47
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	47





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Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

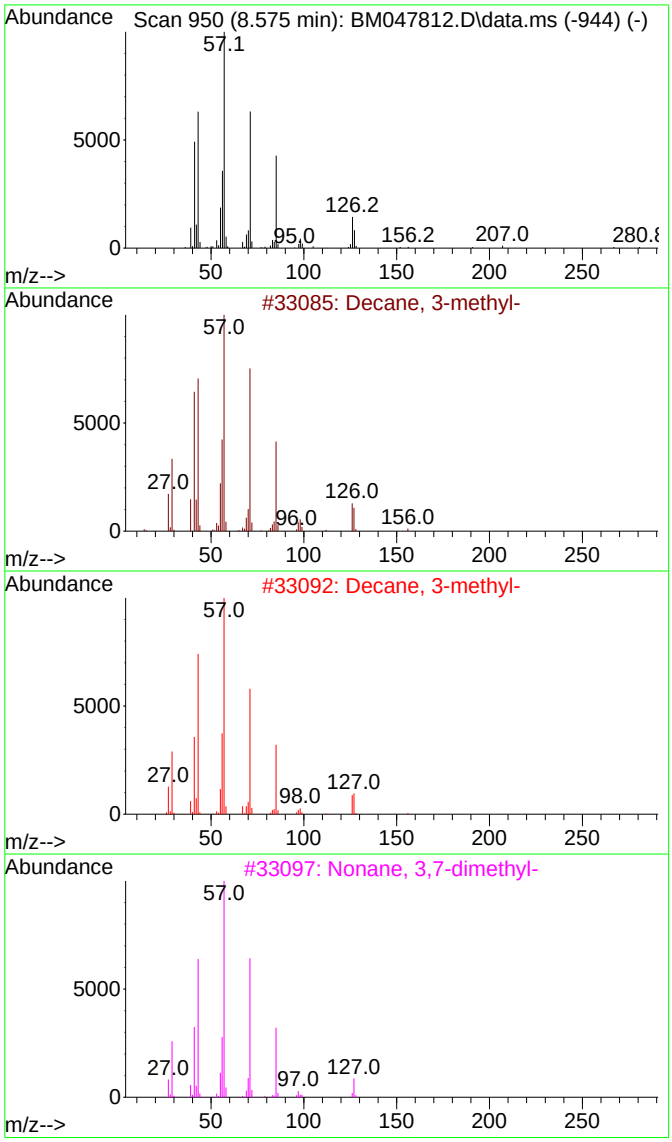
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

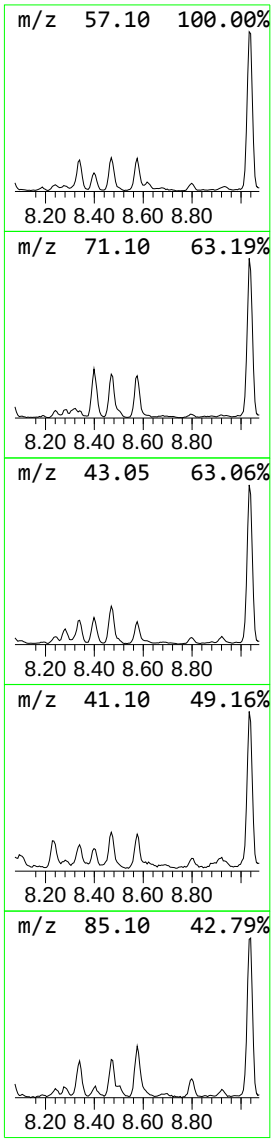
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	2.97 ng/ul	213683	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2	Decane, 3-methyl-	156	C11H24	013151-34-3	76
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	64
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64





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Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

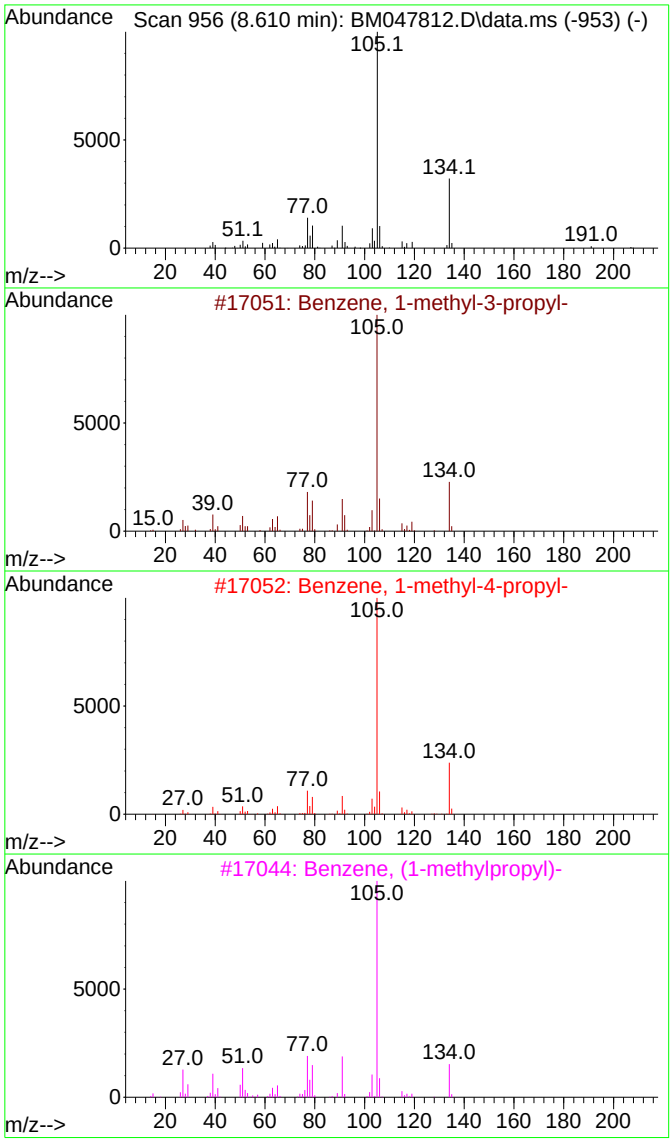
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

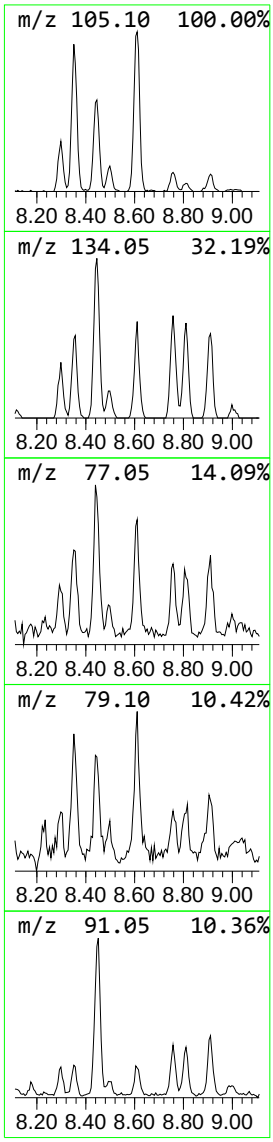
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	2.06 ng/ul	148130	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86





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Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

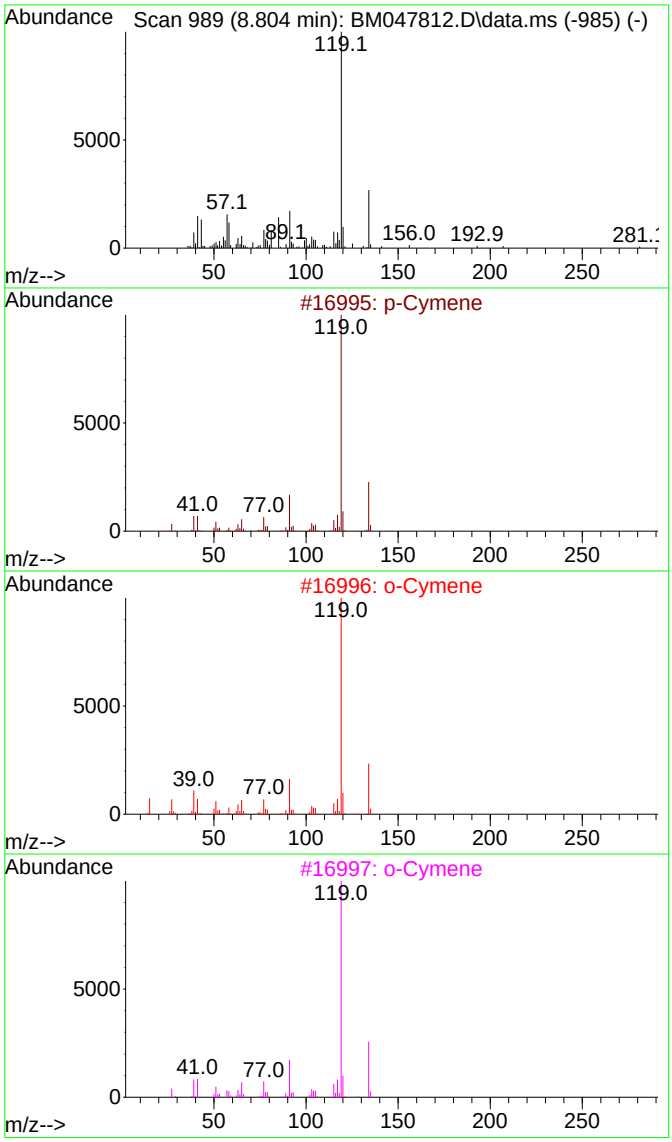
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

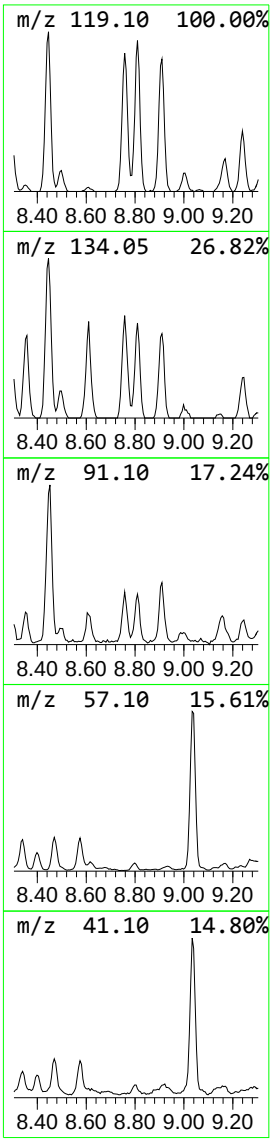
****

Peak Number 11 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.804	2.42 ng/ul	174393	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87





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Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

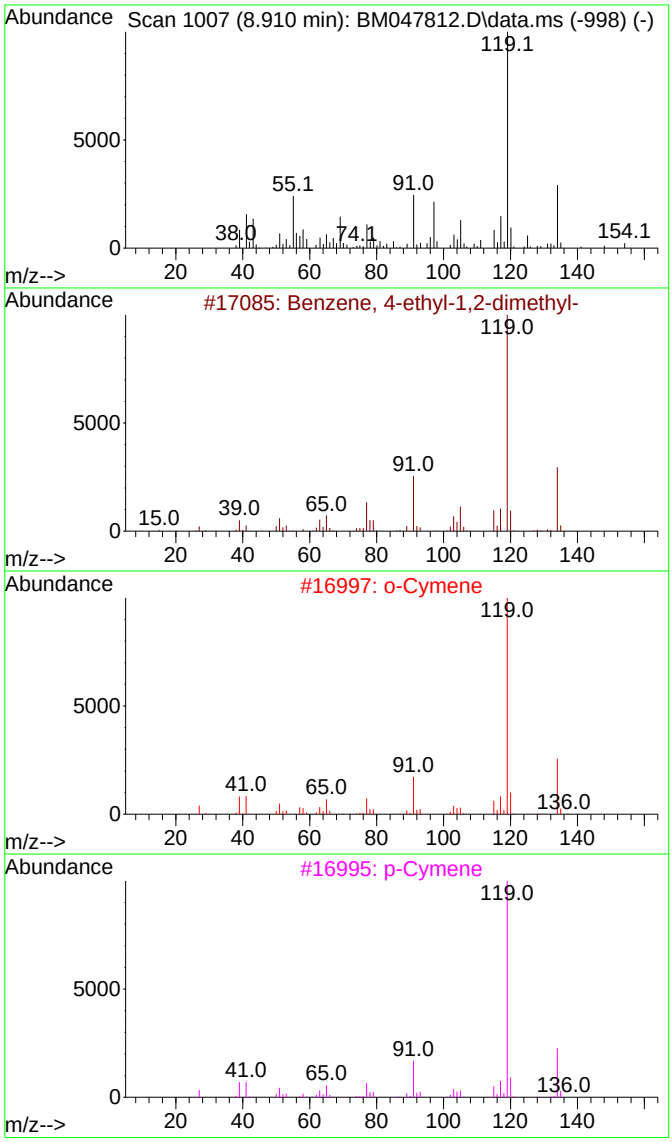
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

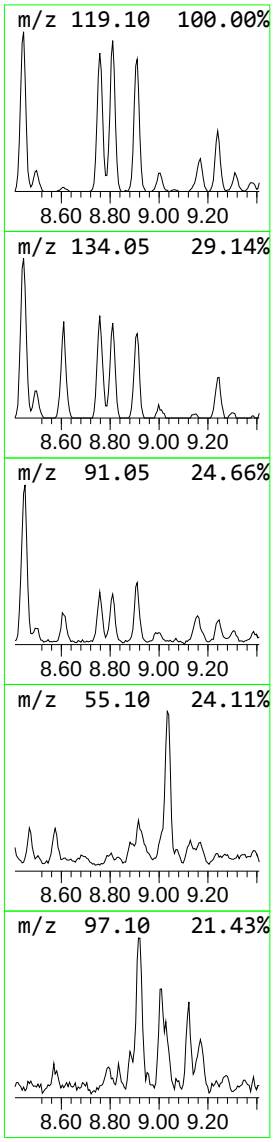
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.910	4.34 ng/ul	312624	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	96
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	89
4	p-Cymene	134	C10H14	000099-87-6	89
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





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Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

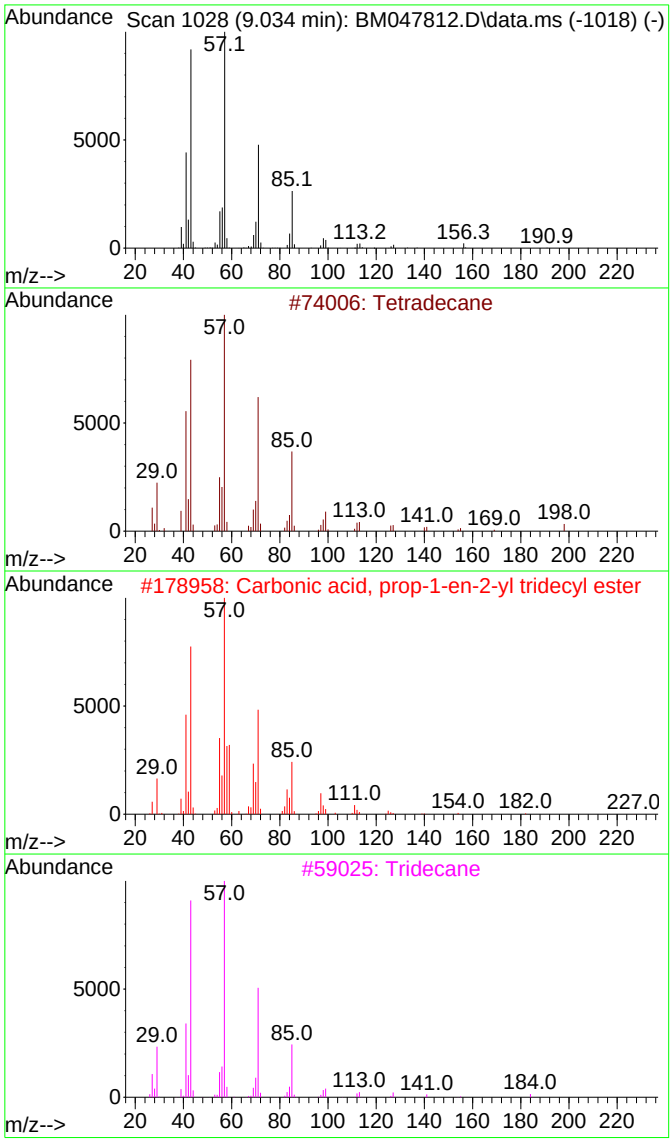
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

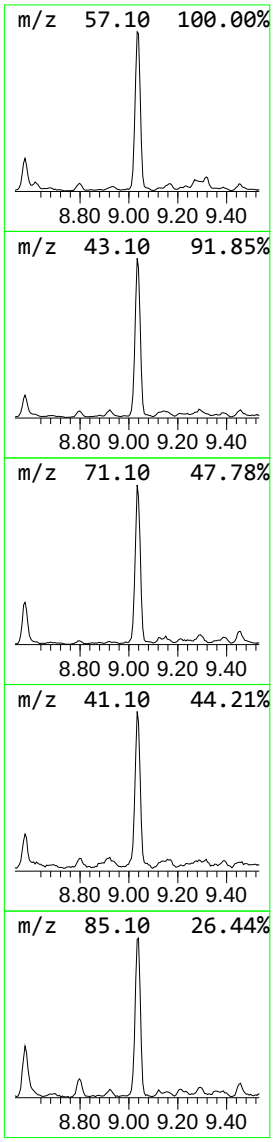
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.034	13.59 ng/ul	978538	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Undecane	156	C11H24	001120-21-4	76
5	Nonane	128	C9H20	000111-84-2	72





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Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

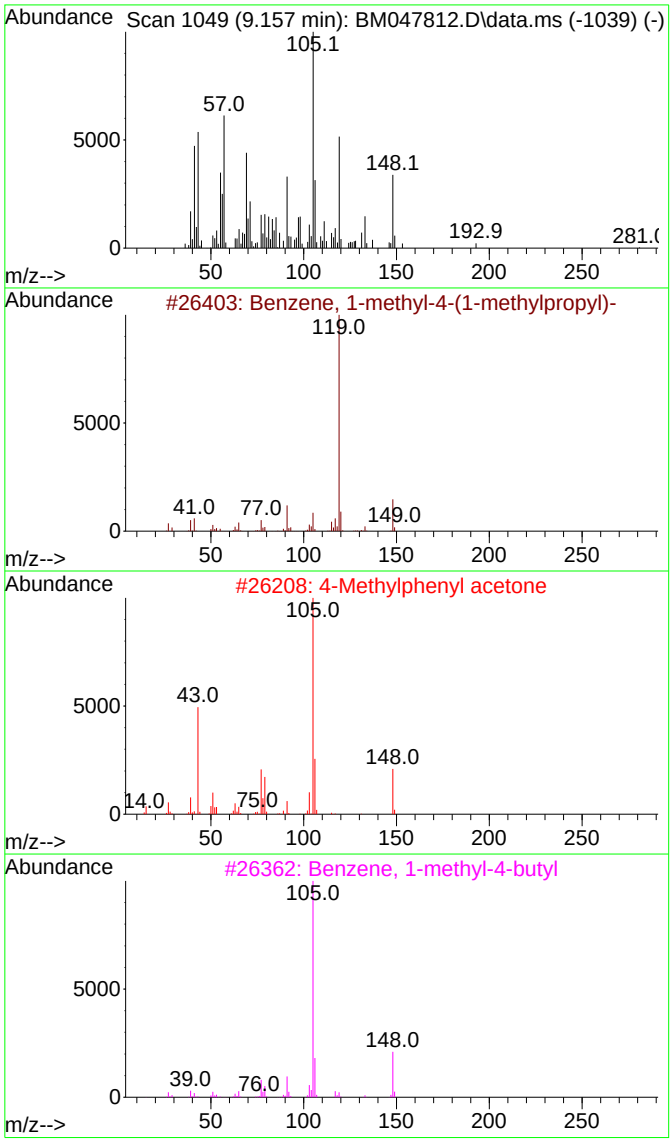
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

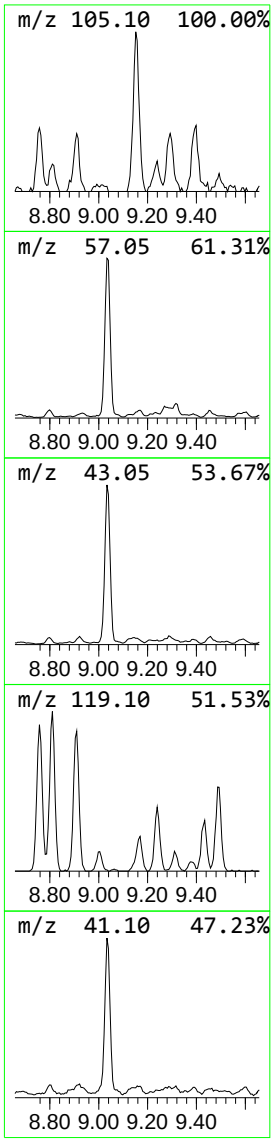
****

Peak Number 14 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	3.11 ng/ul	224078	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
3	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	42
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38





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Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

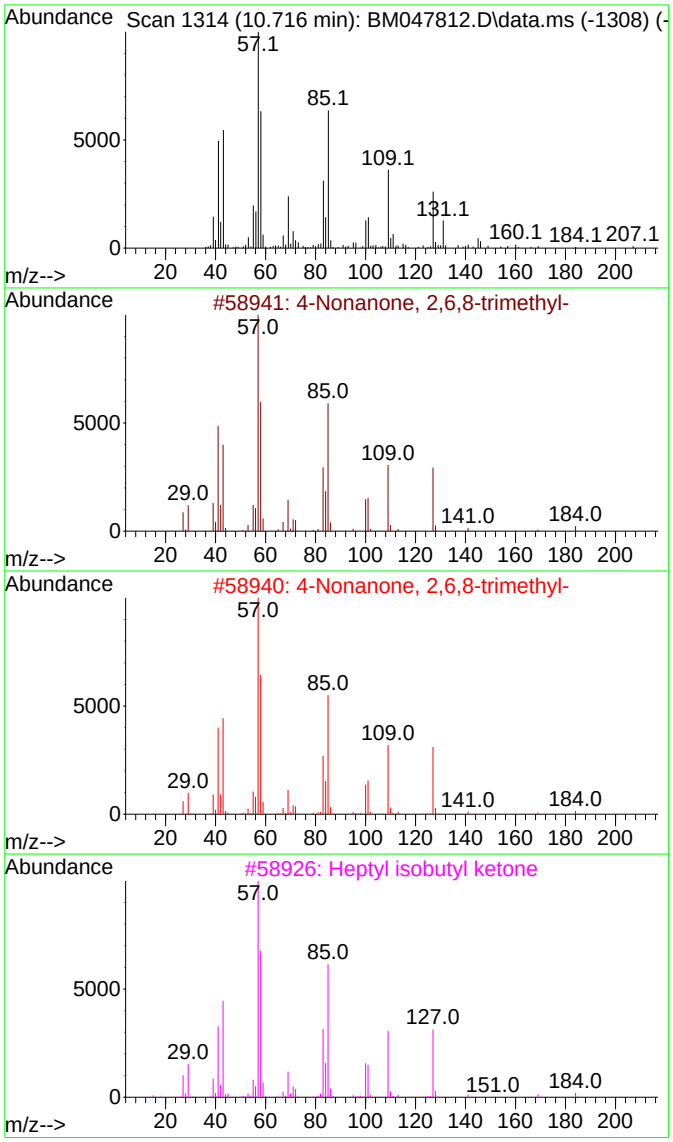
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

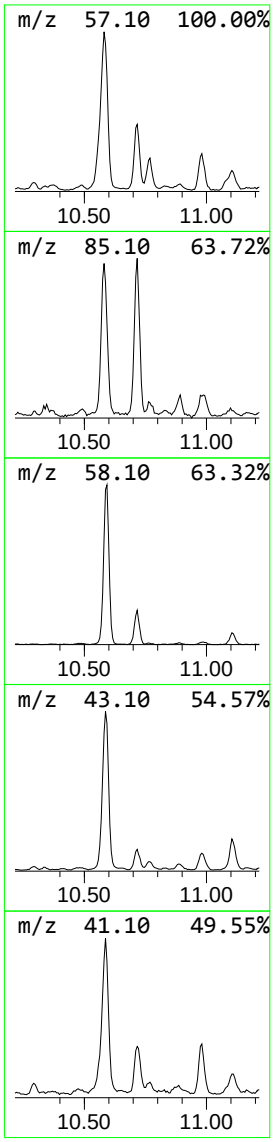
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4-Nonanone, 2,6,8-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	2.34 ng/ul	378138	Naphthalene-d8	10.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	91
2	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	91
3	Heptyl isobutyl ketone	184	C12H24O	019594-40-2	83
4	5-Nonanone	142	C9H18O	000502-56-7	38
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	38





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Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DDCK8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

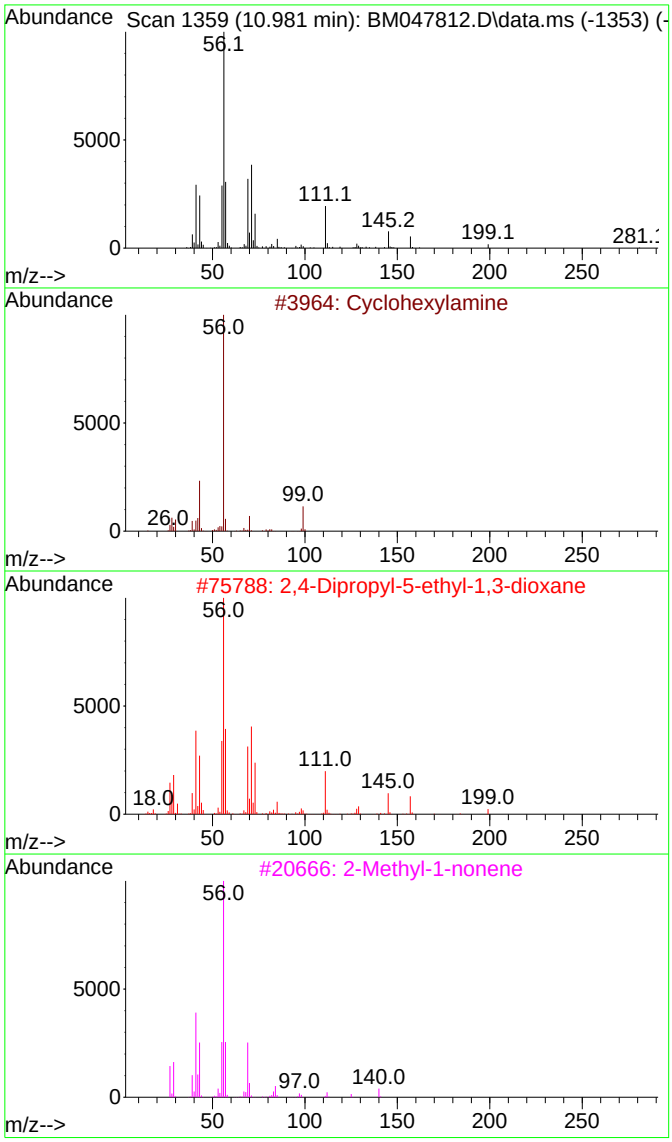
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

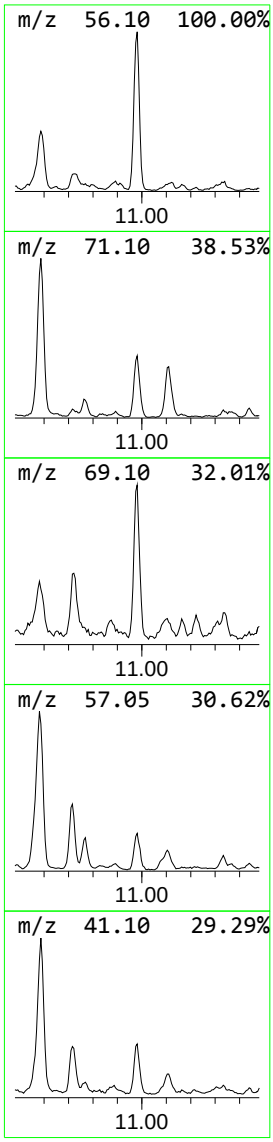
****

Peak Number 16 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.981	2.46 ng/ul	396694	Naphthalene-d8	10.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexylamine	99	C6H13N	000108-91-8	38
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37
3	2-Methyl-1-nonene	140	C10H20	002980-71-4	35
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	17
5	Cyclohexylamine	99	C6H13N	000108-91-8	17





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Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

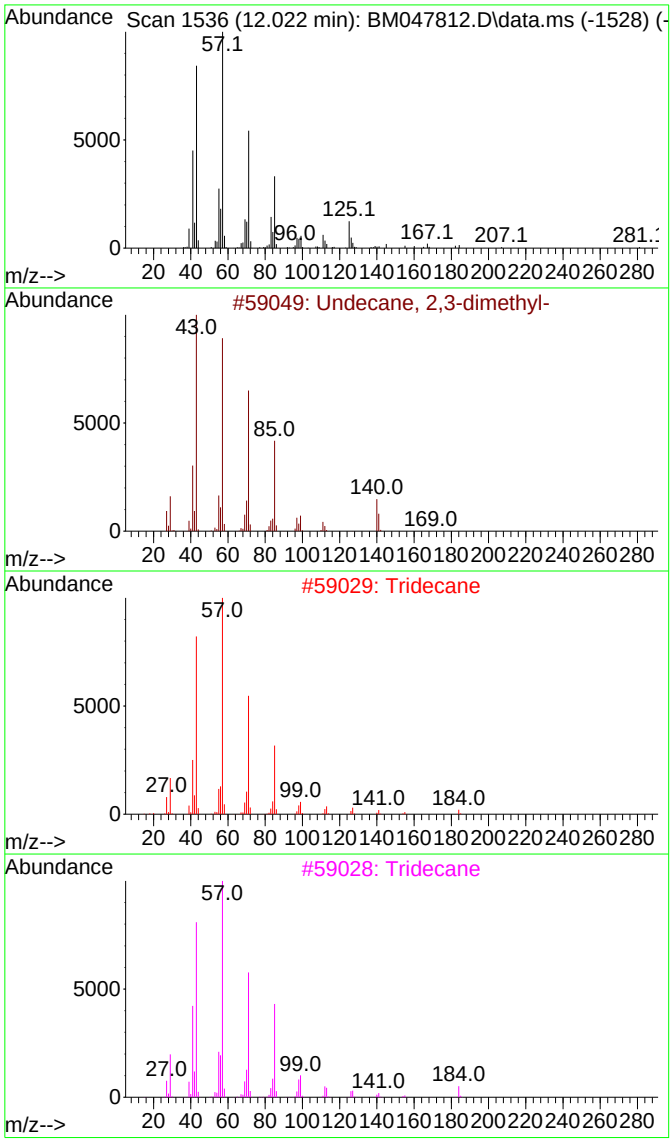
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

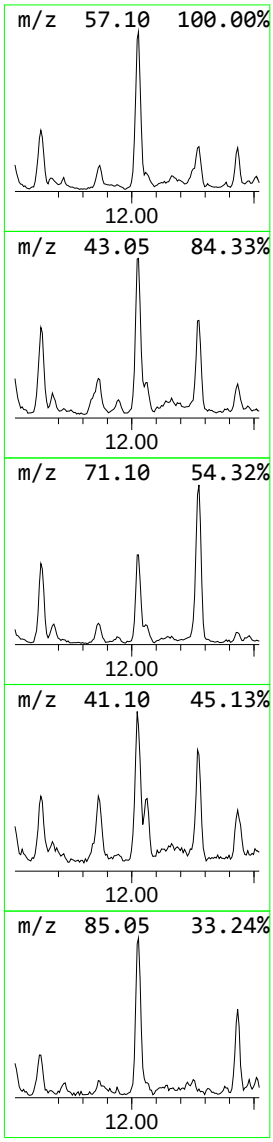
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.29 ng/ul	369177	Naphthalene-d8	10.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
2	Tridecane	184	C13H28	000629-50-5	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Tetradecane	198	C14H30	000629-59-4	64
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64





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Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

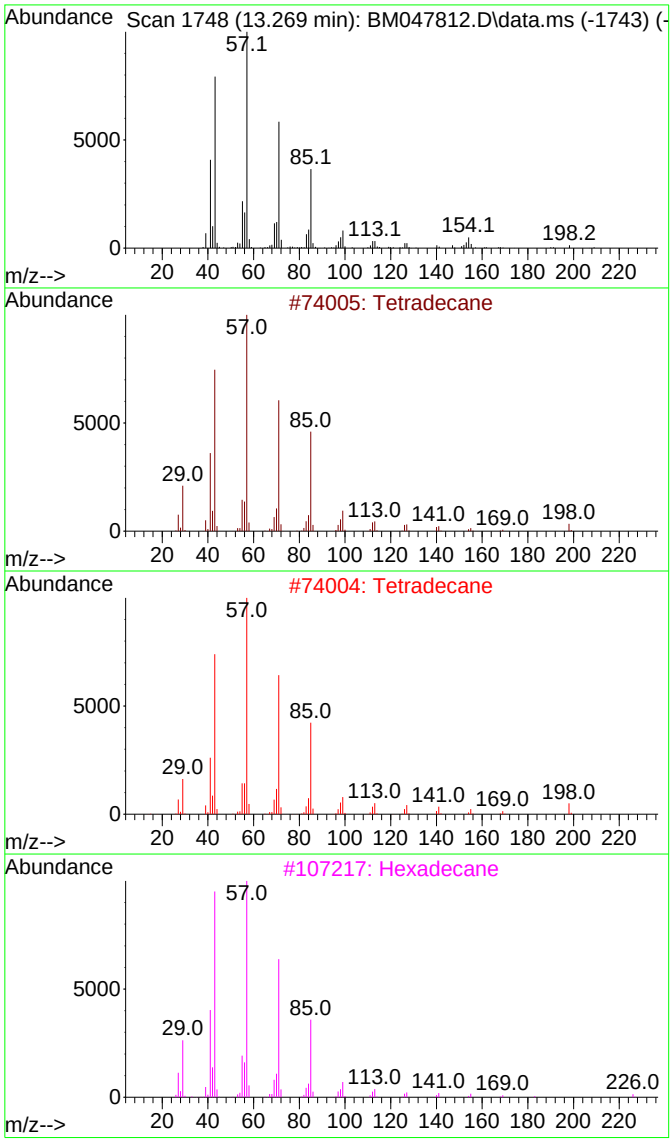
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

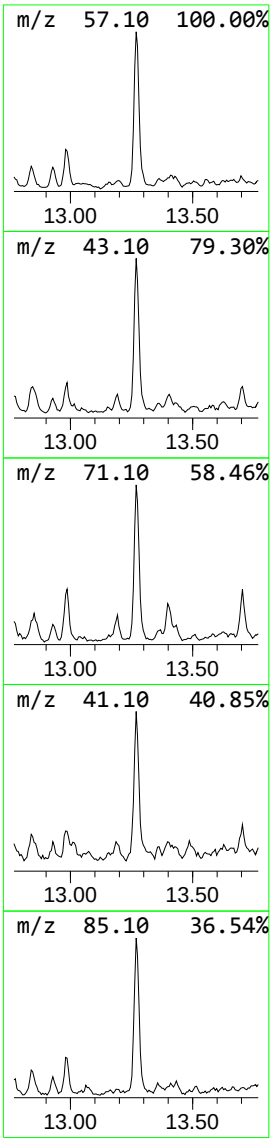
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	2.87 ng/ul	370288	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	93
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

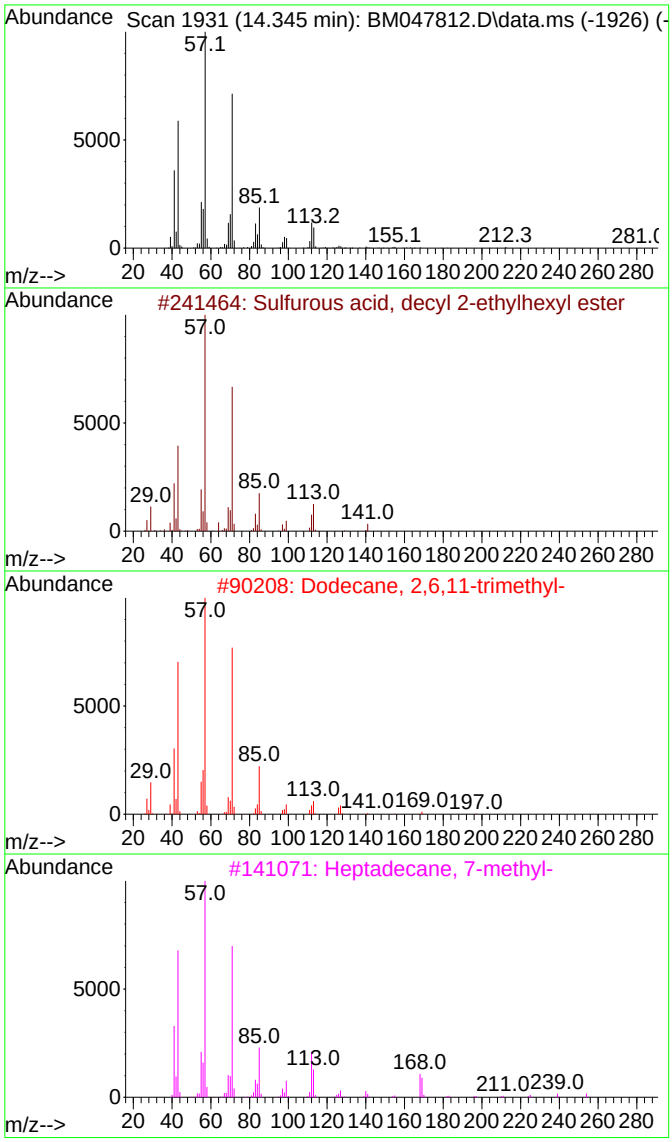
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

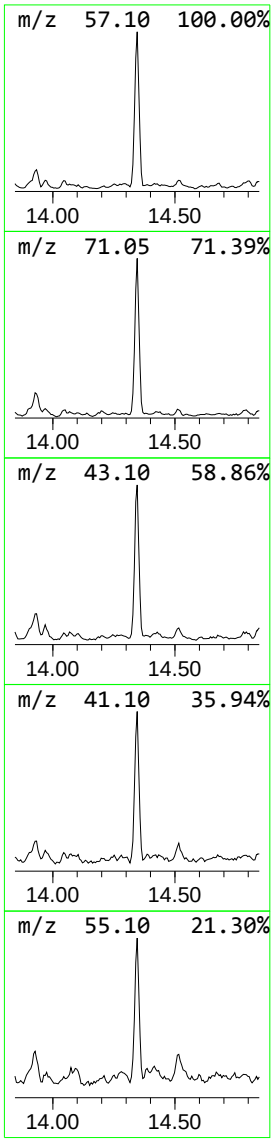
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Sulfurous acid, decyl 2-eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	5.28 ng/ul	681990	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

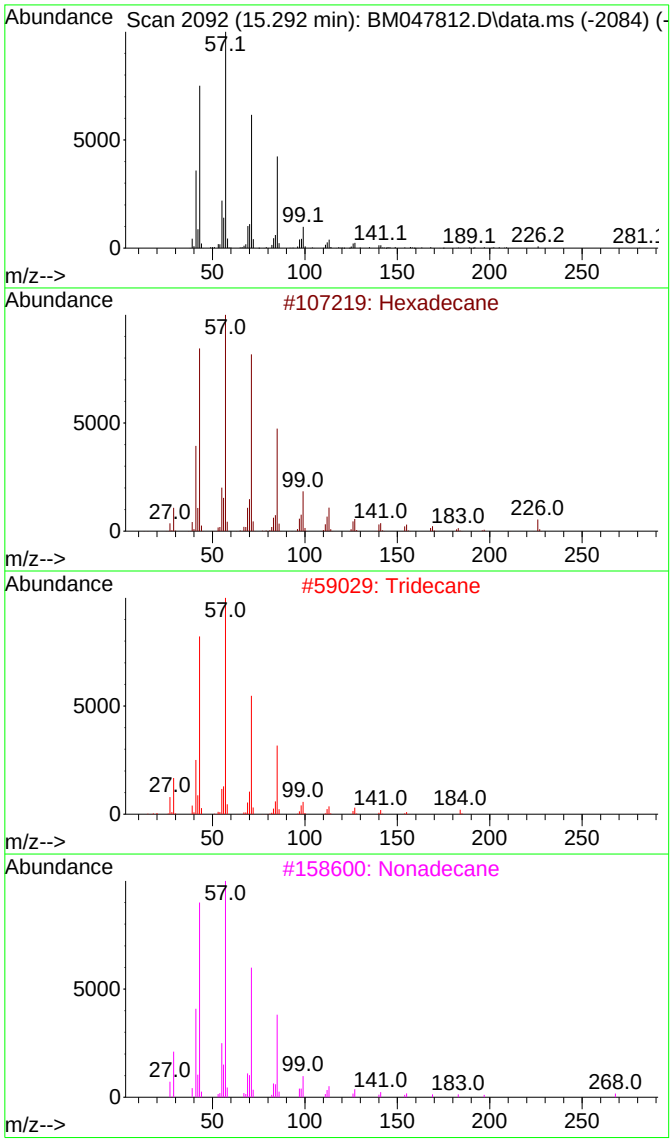
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

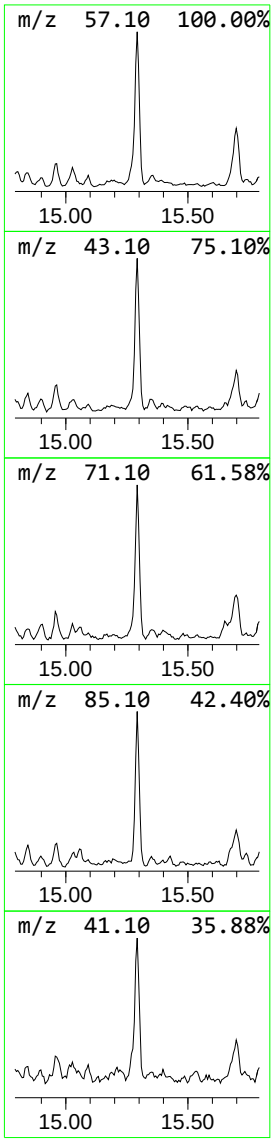
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	3.33 ng/ul	430667	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

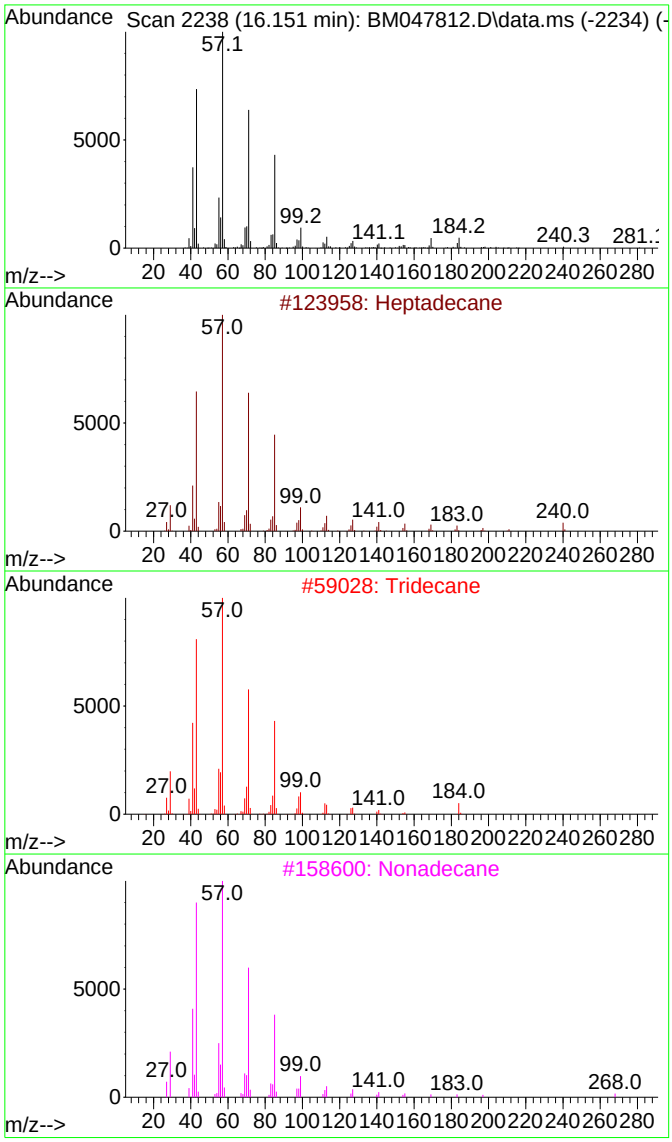
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

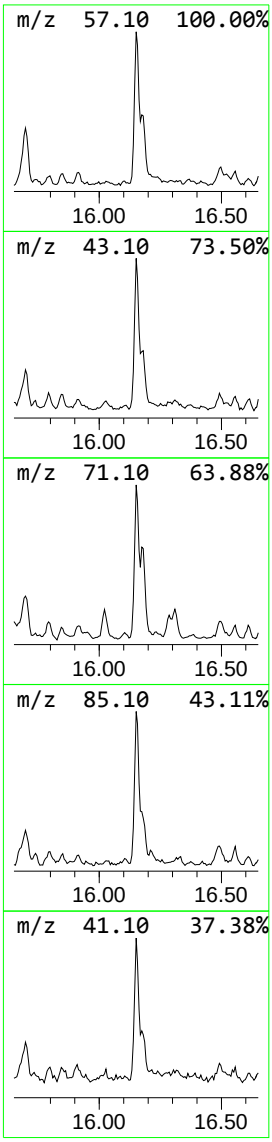
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	2.83 ng/ul	427371	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

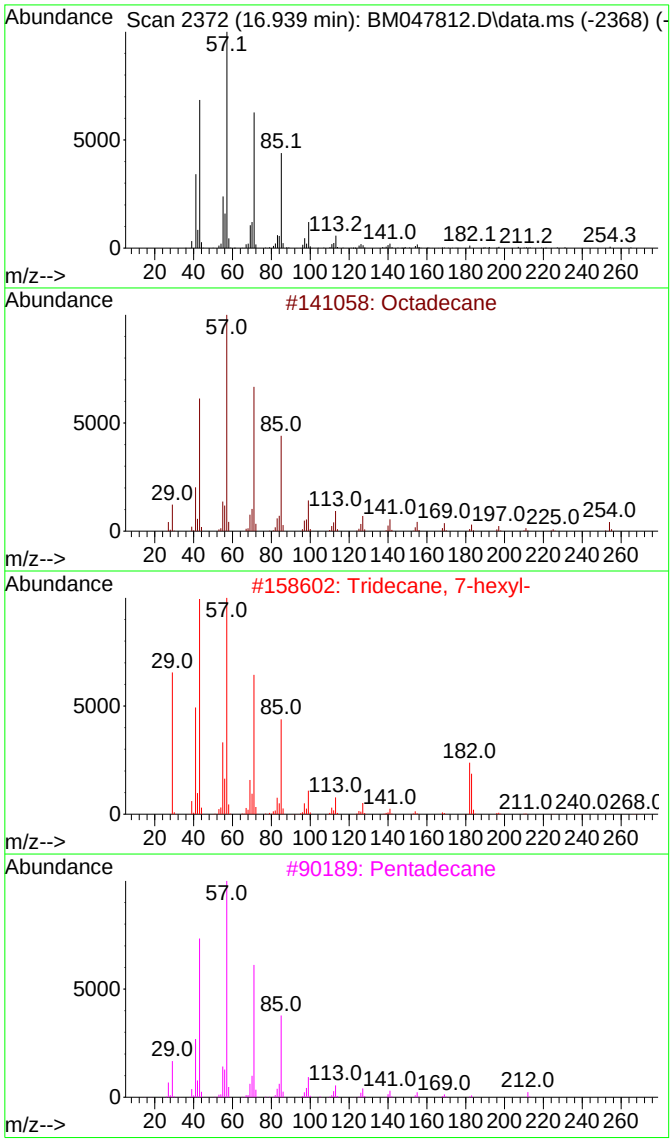
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

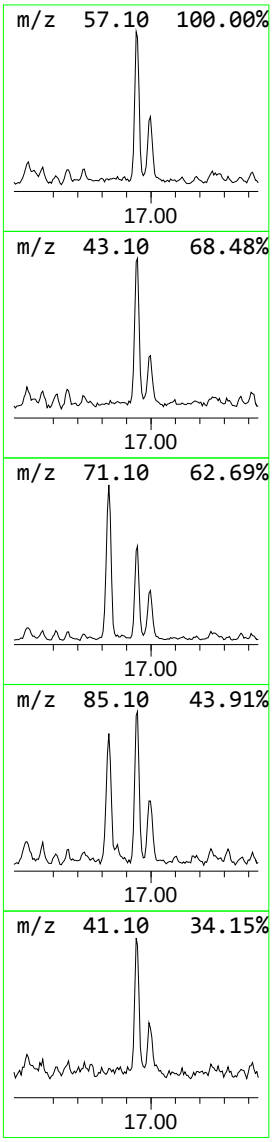
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.939	2.52 ng/ul	379888	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Octadecane	254	C18H38	000593-45-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047812.D
Acq On : 03 Oct 2024 17:20
Operator : RC/JU
Sample : P4020-12DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCK8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA 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
(DEL) Alkane: S...	5.828	3.7	ng/ul	269159	1	7.804	1439700	20.0
(DEL) Alkane: S...	6.804	2.1	ng/ul	152716	1	7.804	1439700	20.0
(DEL) Alkane: S...	6.857	2.5	ng/ul	182105	1	7.804	1439700	20.0
(DEL) Alkane: S...	6.969	4.5	ng/ul	326784	1	7.804	1439700	20.0
(DEL) Alkane: S...	7.434	16.5	ng/ul	1185040	1	7.804	1439700	20.0
1-Hexanol, 2-et...	7.869	5.8	ng/ul	418371	1	7.804	1439700	20.0
Cyclohexanone, ...	8.234	3.6	ng/ul	259016	1	7.804	1439700	20.0
(DEL) Alkane: S...	8.340	2.9	ng/ul	209948	1	7.804	1439700	20.0
(DEL) Alkane: S...	8.575	3.0	ng/ul	213683	1	7.804	1439700	20.0
Benzene, 1-meth...	8.610	2.1	ng/ul	148130	1	7.804	1439700	20.0
p-Cymene	8.804	2.4	ng/ul	174393	1	7.804	1439700	20.0
Benzene, 4-ethy...	8.910	4.3	ng/ul	312624	1	7.804	1439700	20.0
(DEL) Alkane: S...	9.034	13.6	ng/ul	978538	1	7.804	1439700	20.0
unknown-01	9.157	3.1	ng/ul	224078	1	7.804	1439700	20.0
4-Nonanone, 2,6...	10.716	2.3	ng/ul	378138	2	10.592	3229120	20.0
unknown-02	10.981	2.5	ng/ul	396694	2	10.592	3229120	20.0
(DEL) Alkane: S...	12.022	2.3	ng/ul	369177	2	10.592	3229120	20.0
(DEL) Alkane: S...	13.269	2.9	ng/ul	370288	3	14.439	2582960	20.0
Sulfurous acid,...	14.345	5.3	ng/ul	681990	3	14.439	2582960	20.0
(DEL) Alkane: S...	15.292	3.3	ng/ul	430667	3	14.439	2582960	20.0
(DEL) Alkane: S...	16.151	2.8	ng/ul	427371	4	17.174	3017370	20.0
(DEL) Alkane: S...	16.939	2.5	ng/ul	379888	4	17.174	3017370	20.0