LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123626.D
Acq On : 19 Apr 2021 17:09
Operator : JU/CG
Sample : M2063-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-0-2

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_F\METHODS\8270-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123626.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	16	rVB	1918816	2330508	43.26%	5.599%
2	5.075	503	508	516	rVB	804655	918119	17.04%	2.206%
3	5.487	574	578	582	rBV	5906456	5173194	96.04%	12.429%
4	6.498	745	750	753	rBV	5923446	5386607	100.00%	12.942%
5	6.863	808	812	815	rBV	1795985	1397074	25.94%	3.357%
6	7.422	902	907	910	rBV	3929363	3552068	65.94%	8.534%
7	8.145	1026	1030	1034	rBV	2126861	1740170	32.31%	4.181%
8	9.228	1209	1214	1217	rBV	5609820	5055255	93.85%	12.146%
9	9.616	1277	1280	1283	rBV	241337	176067	3.27%	0.423%
10	9.904	1325	1329	1333	rBV	2152613	1756587	32.61%	4.220%
11	10.692	1459	1463	1467	rBV	3533465	3273397	60.77%	7.865%
12	11.392	1578	1582	1585	rBV	2070588	1696123	31.49%	4.075%
13	11.922	1669	1672	1675	rBV2	139812	107481	2.00%	0.258%
14	12.610	1785	1789	1792	rBV	181180	158672	2.95%	0.381%
15	12.839	1825	1828	1830	rVB	155724	126423	2.35%	0.304%
16	12.986	1849	1853	1856	rBV	4636871	3948395	73.30%	9.487%
17	13.221	1890	1893	1899	rBV5	56493	105966	1.97%	0.255%
18	13.563	1948	1951	1960	rVB3	82787	133833	2.48%	0.322%
19	13.910	2004	2010	2026	rVB5	320644	929465	17.26%	2.233%
20	14.039	2027	2032	2035	rBV	1438459	1388200	25.77%	3.335%
21	14.210	2058	2061	2064	rBV	75614	71230	1.32%	0.171%
22	14.516	2111	2113	2116	rVB	95530	81457	1.51%	0.196%
23	14.563	2116	2121	2126	rBV9	52174	118852	2.21%	0.286%
24	14.827	2163	2166	2173	rVB	69690	77074	1.43%	0.185%
25	15.086	2207	2210	2213	rBV	90430	127202	2.36%	0.306%
26	15.174	2221	2225	2232	rVB2	97775	130349	2.42%	0.313%
27	15.392	2260	2262	2267	rVB	57468	70167	1.30%	0.169%
28	15.457	2270	2273	2276	rBV	66385	76701	1.42%	0.184%
29	15.521	2279	2284	2288	rBV	1087141	1303239	24.19%	3.131%
30	16.010	2363	2367	2372	rVB	92010	125698	2.33%	0.302%
31	16.527	2449	2455	2458	rBV5	46380	85376	1.58%	0.205%

Sum of corrected areas: 41620949

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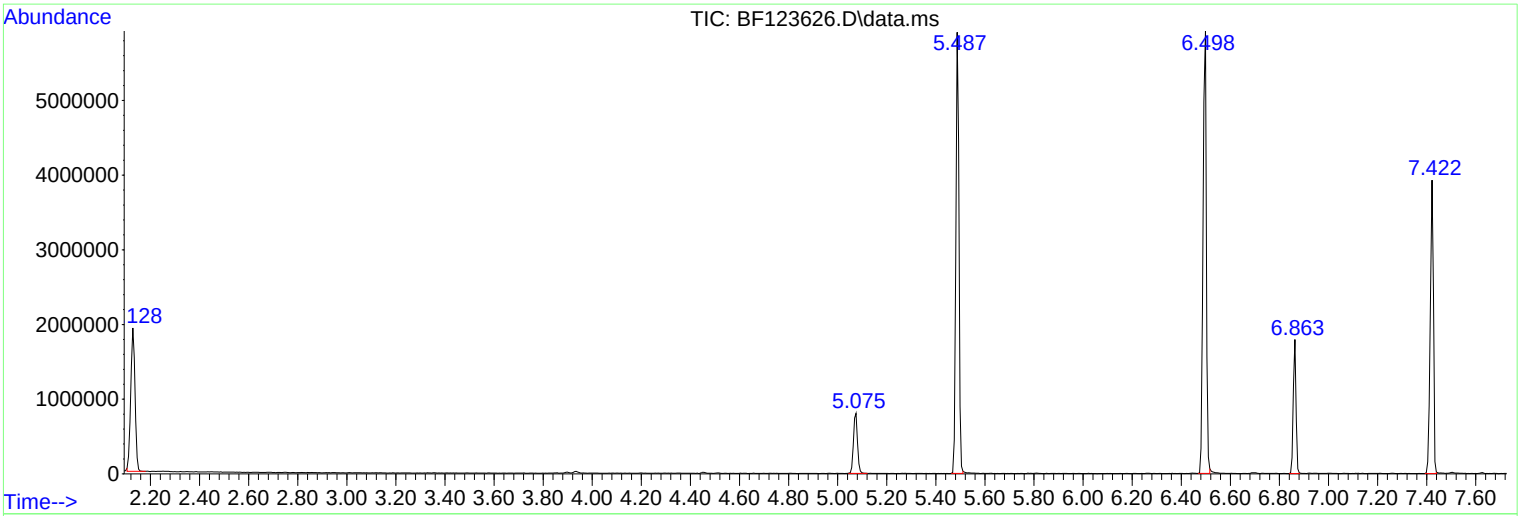
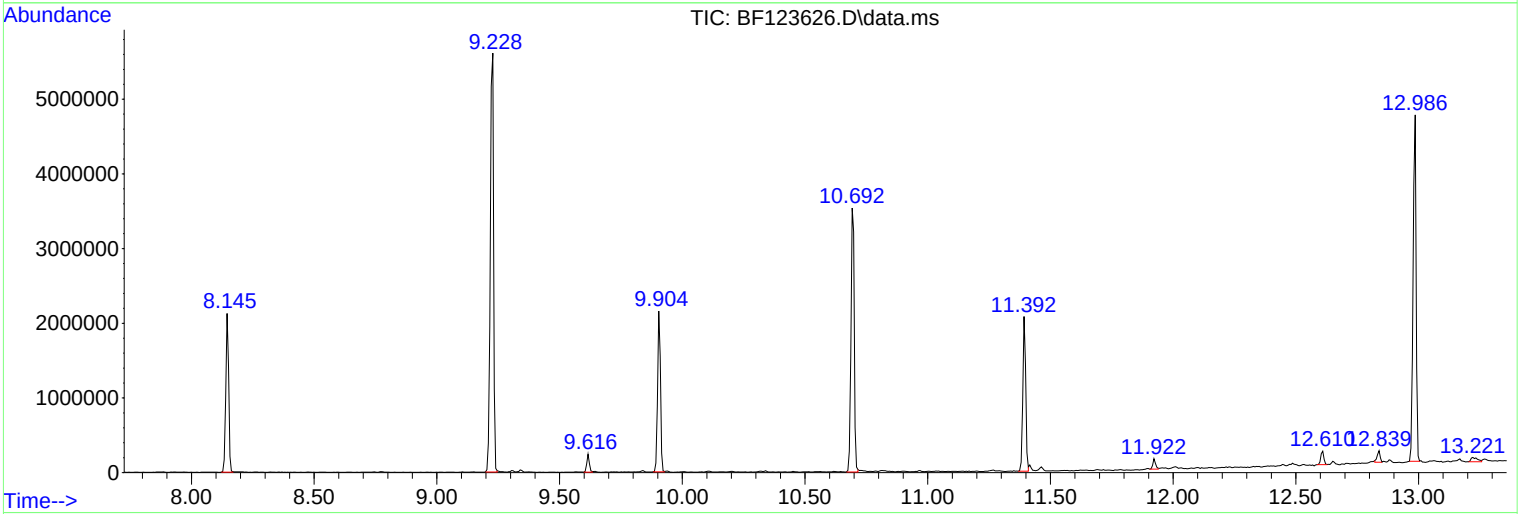
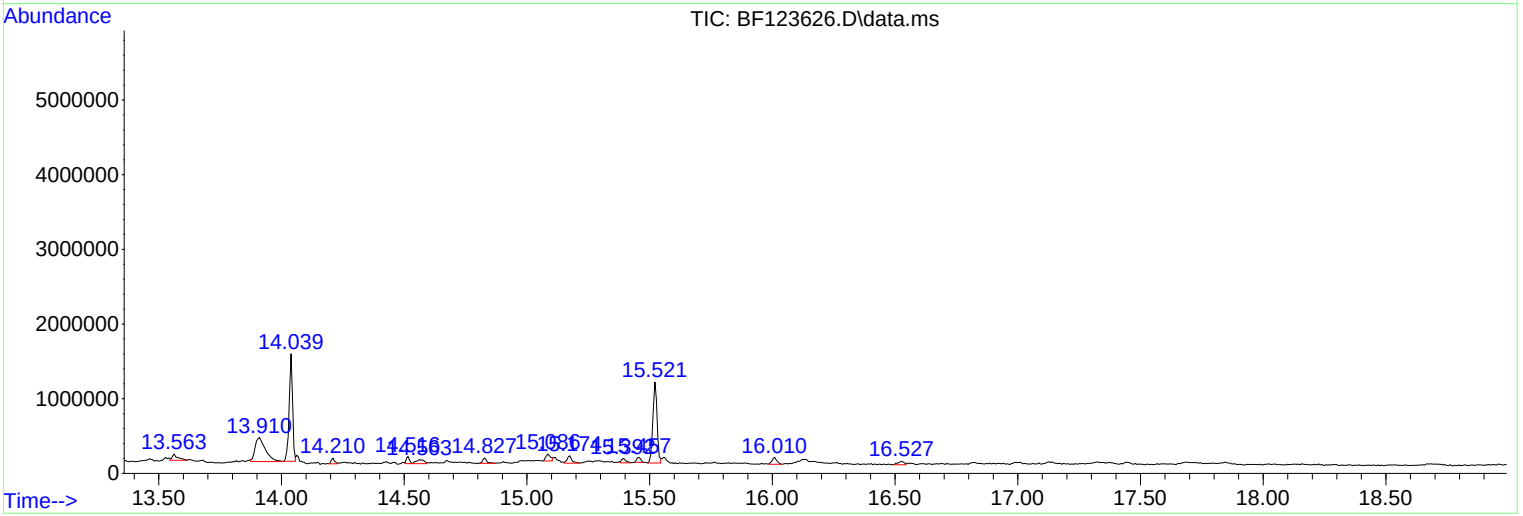
Instrument :
BNA_F
ClientSampleId :
TP3-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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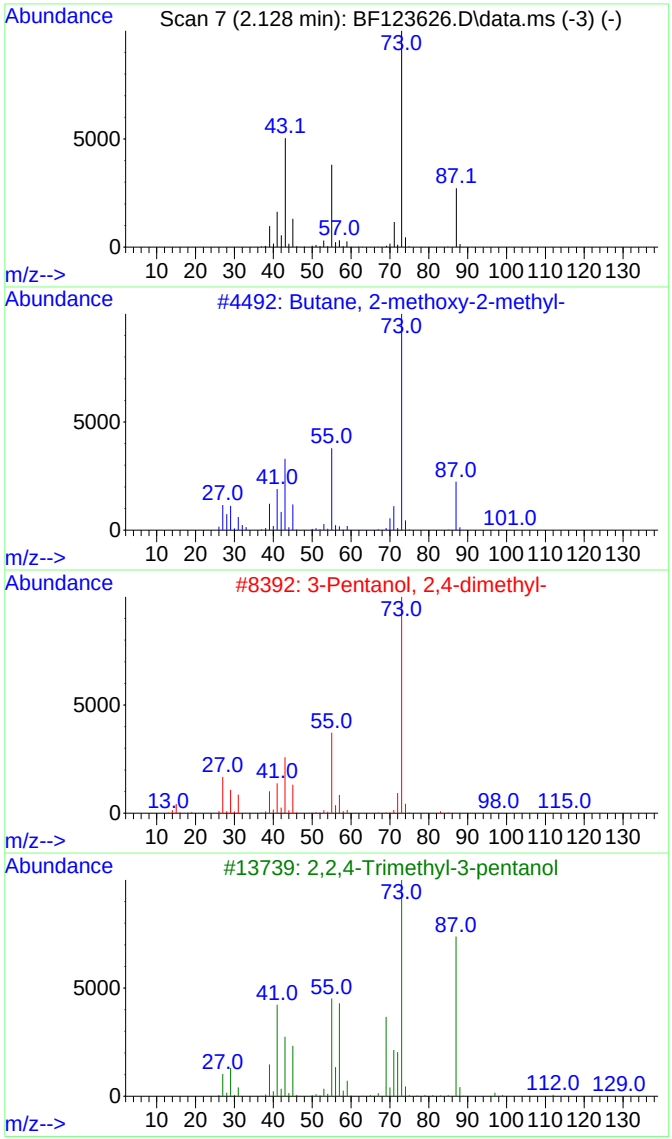
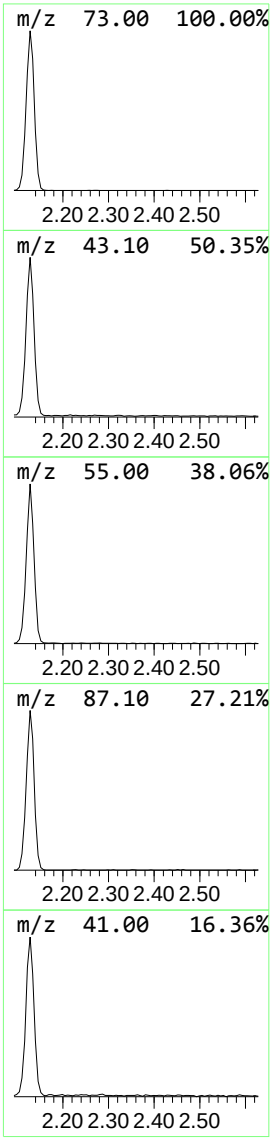
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	33.36 ng	2330510	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17





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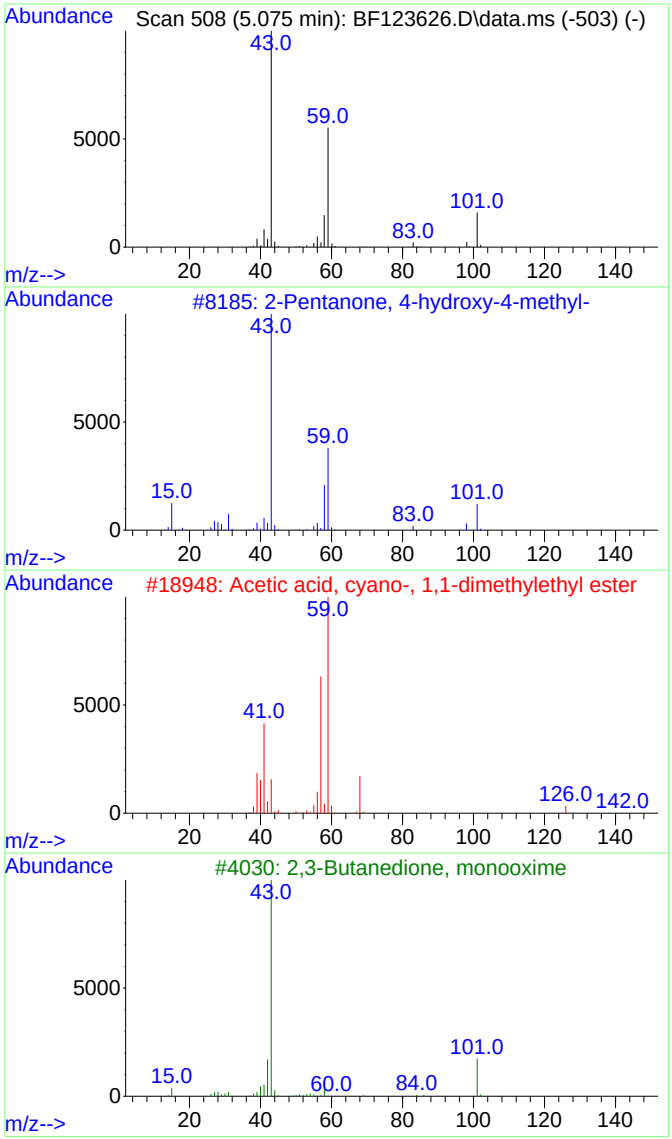
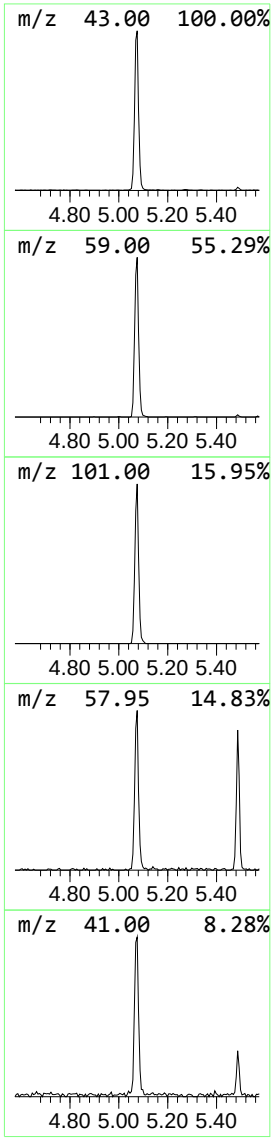
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	13.14 ng	918119	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-0-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
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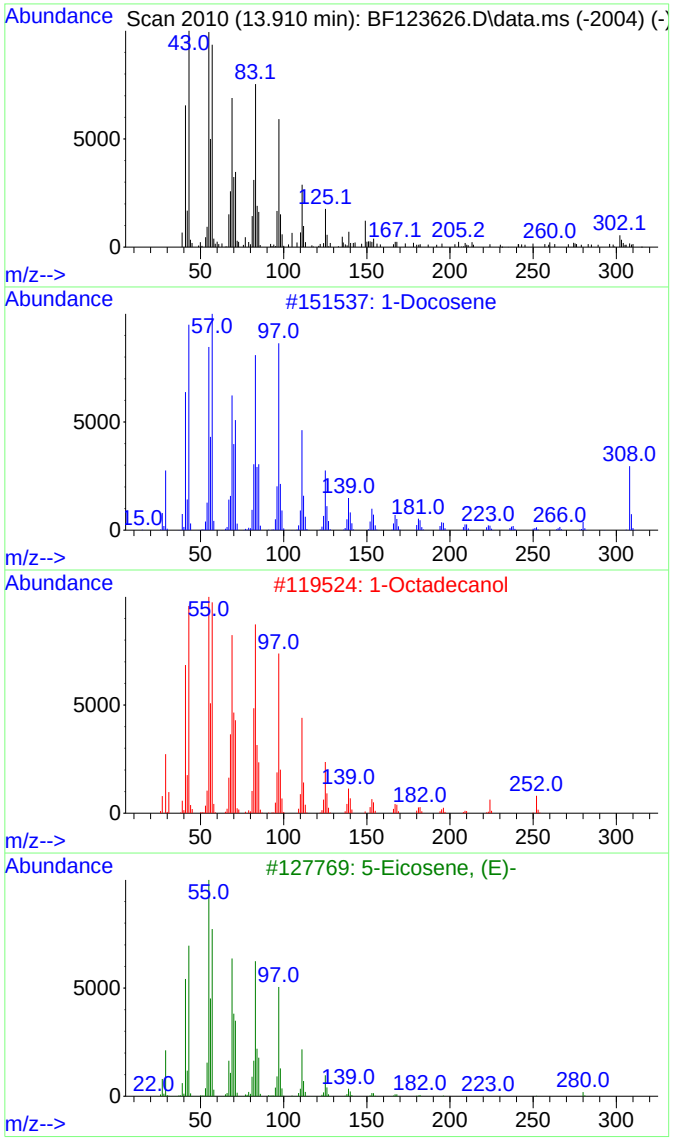
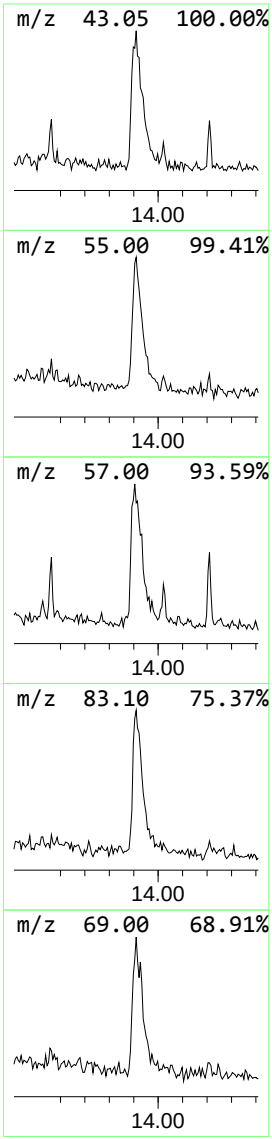
****
Peak Number 3 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	13.39 ng	929465	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	Cycloeicosane	280	C20H40	000296-56-0	90
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87





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Instrument :
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ClientSampleId :
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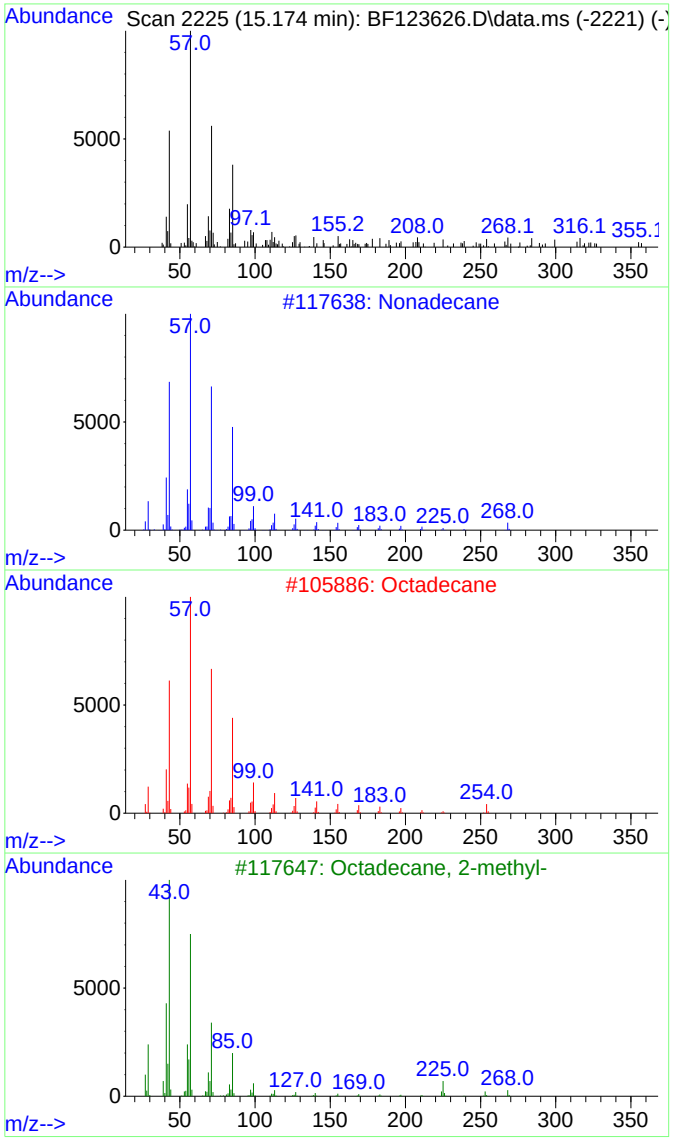
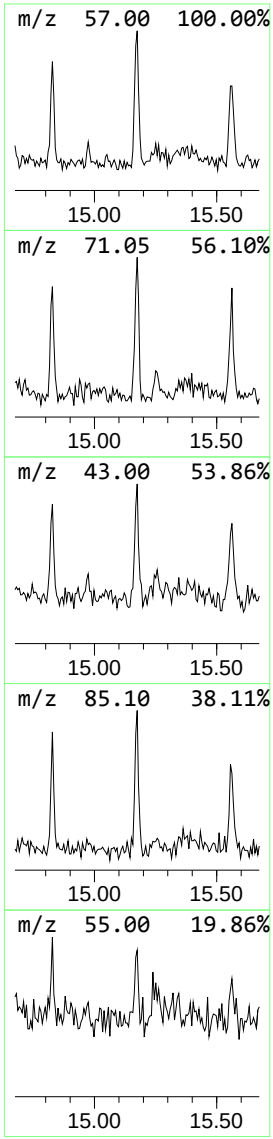
****

Peak Number 4 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	2.00 ng	130349	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	81
2	Octadecane	254	C18H38	000593-45-3	81
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	59





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.128	33.4	ng	2330510	1	6.863	1397070	20.0
2-Pentanone, 4-...	5.075	13.1	ng	918119	1	6.863	1397070	20.0
1-Docosene	13.910	13.4	ng	929465	5	14.039	1388200	20.0
Nonadecane	15.174	2.0	ng	130349	6	15.521	1303240	20.0