LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019924.D
Acq On : 28 Feb 2024 19:27
Operator : MA/JU
Sample : P1612-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-022724

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-BP022624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019924.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.464	398	404	414	rBV	197443	311604	26.25%	3.257%
2	7.069	664	677	691	rBV	189261	349711	29.46%	3.656%
3	7.893	810	817	825	rBV	320995	532913	44.89%	5.571%
4	9.063	1009	1016	1023	rBV	123108	228974	19.29%	2.394%
5	10.693	1281	1293	1301	rBV	429794	792619	66.76%	8.286%
6	11.534	1429	1436	1442	rBV10	6951	17983	1.51%	0.188%
7	11.881	1489	1495	1500	rBV8	9554	20923	1.76%	0.219%
8	12.110	1527	1534	1540	rBV	25706	46246	3.90%	0.483%
9	12.610	1614	1619	1624	rVB4	11487	20279	1.71%	0.212%
10	12.793	1646	1650	1658	rBV4	7751	20346	1.71%	0.213%
11	13.016	1684	1688	1692	rBV4	9291	16770	1.41%	0.175%
12	13.069	1692	1697	1702	rVB5	13909	27210	2.29%	0.284%
13	13.163	1707	1713	1722	rVV	341327	540396	45.52%	5.649%
14	13.357	1739	1746	1753	rBV	37770	63466	5.35%	0.663%
15	13.440	1753	1760	1763	rBV5	15132	30070	2.53%	0.314%
16	13.881	1828	1835	1838	rBV8	13482	32821	2.76%	0.343%
17	14.016	1852	1858	1861	rBV4	18927	32126	2.71%	0.336%
18	14.057	1862	1865	1870	rVB6	12957	18158	1.53%	0.190%
19	14.263	1895	1900	1904	rBV	18178	30924	2.60%	0.323%
20	14.434	1923	1929	1935	rVB2	57383	91963	7.75%	0.961%
21	14.540	1940	1947	1953	rVV	690043	1047303	88.21%	10.948%
22	14.598	1954	1957	1965	rVB9	16113	29510	2.49%	0.308%
23	14.940	2012	2015	2020	rVB4	14250	18380	1.55%	0.192%
24	15.057	2032	2035	2039	rVB5	15172	19512	1.64%	0.204%
25	15.393	2088	2092	2097	rVB	66901	81814	6.89%	0.855%
26	15.798	2158	2161	2167	rVB3	31917	45339	3.82%	0.474%
27	16.040	2196	2202	2209	rVB	285113	451122	38.00%	4.716%
28	16.263	2236	2240	2253	rVB	93521	178947	15.07%	1.871%
29	17.063	2372	2376	2380	rBV	77578	91879	7.74%	0.960%
30	17.116	2381	2385	2390	rVB2	41630	62702	5.28%	0.655%
31	17.304	2411	2417	2421	rBV	797973	1187260	100.00%	12.412%
32	17.345	2421	2424	2430	rVB	115191	157549	13.27%	1.647%
33	17.439	2437	2440	2445	rVB	29227	39563	3.33%	0.414%
34	17.810	2499	2503	2510	rBV	71207	89118	7.51%	0.932%
35	18.198	2565	2569	2579	rVB3	115035	204646	17.24%	2.139%
36	18.481	2614	2617	2621	rBV	84164	114507	9.64%	1.197%

LSC Area Percent Report

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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-BP022624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.092	2718	2721	2724	rBV2	110367	136412	11.49%	1.426%
38	19.316	2755	2759	2767	rBV	262260	366033	30.83%	3.826%
39	19.669	2815	2819	2828	rVB2	244035	435635	36.69%	4.554%
40	19.875	2849	2854	2858	rBV	522014	650148	54.76%	6.797%
41	21.404	3110	3114	3118	rVB	718960	932910	78.58%	9.753%

Sum of corrected areas: 9565791

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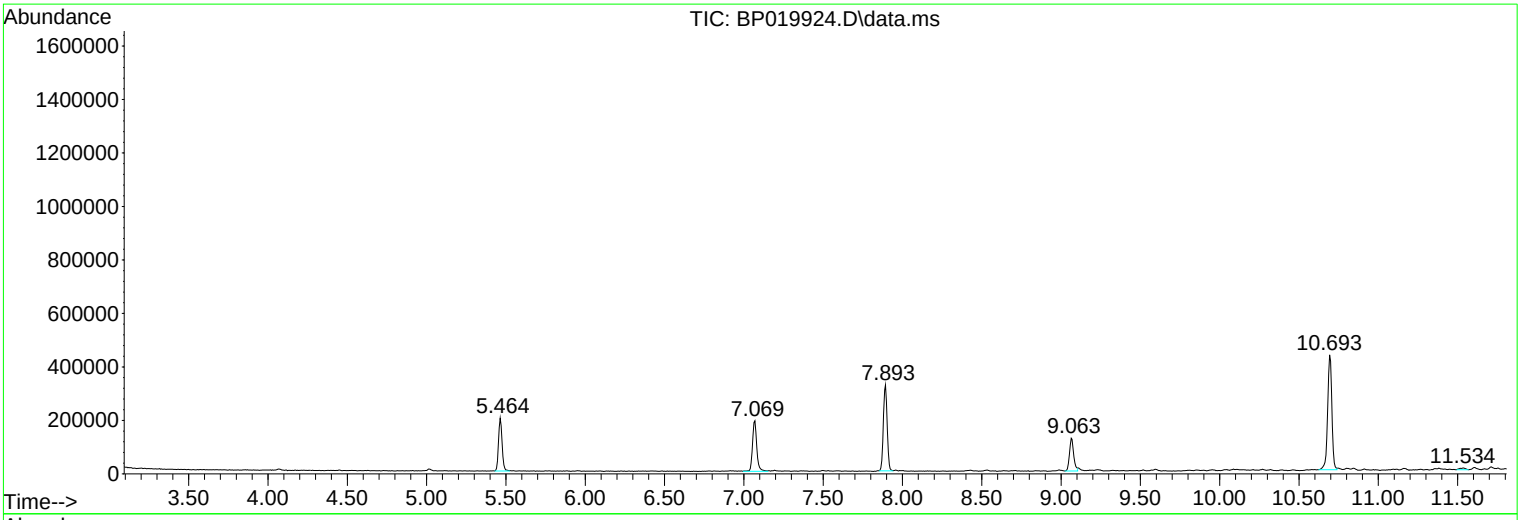
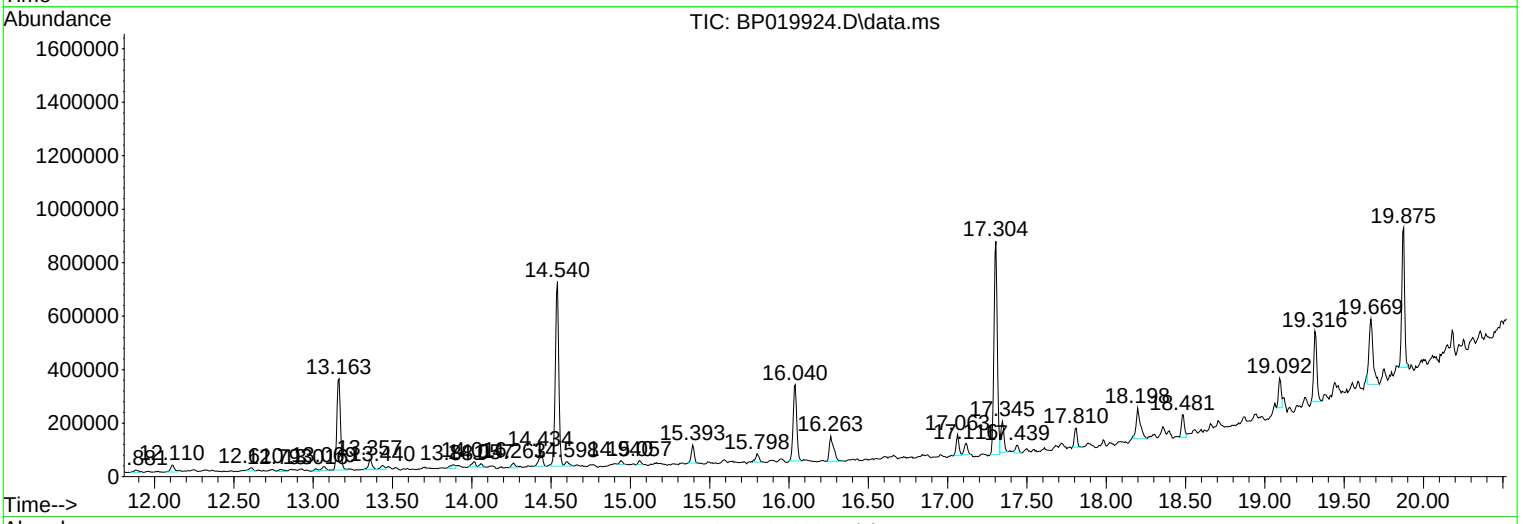
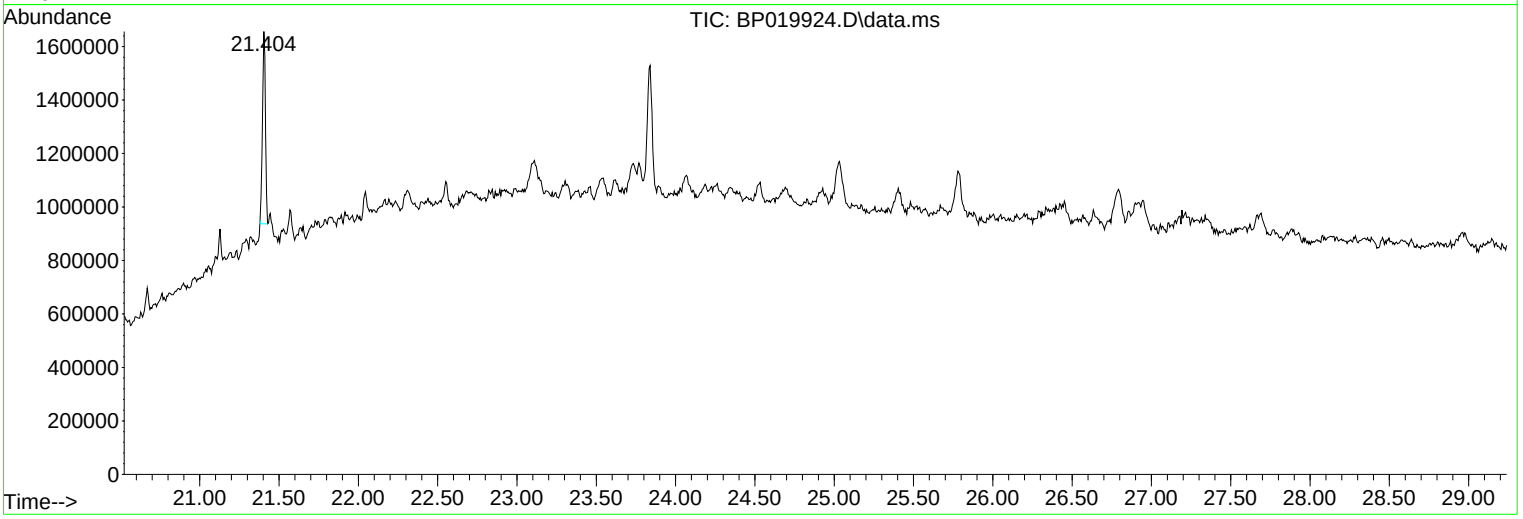
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Integration Parameters: LSCINT.P

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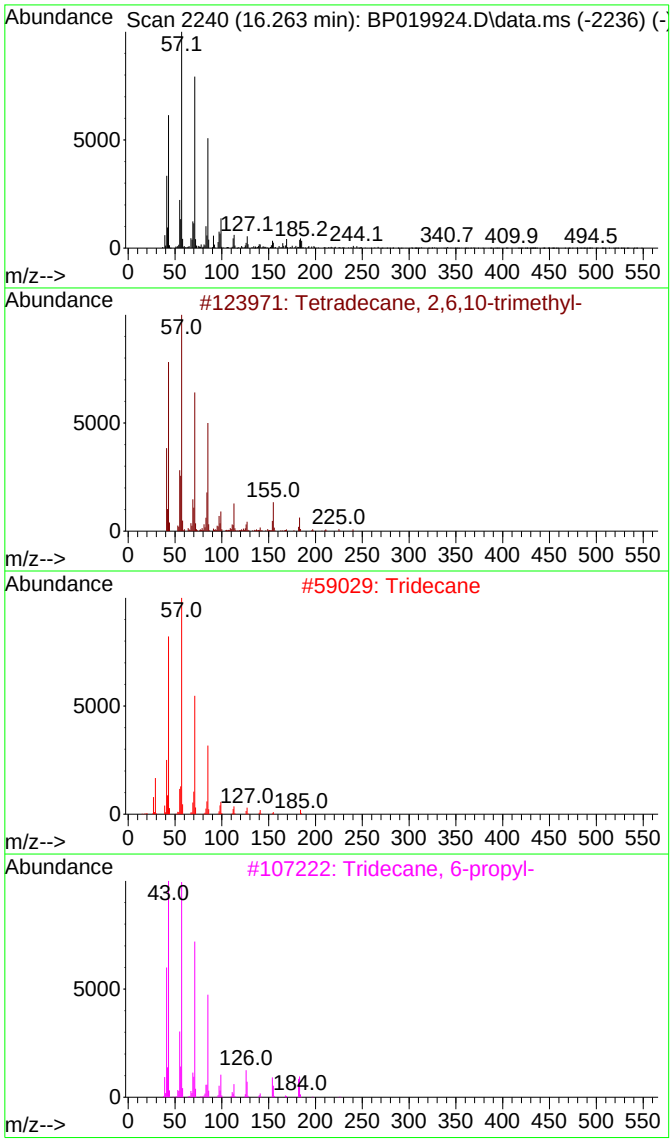
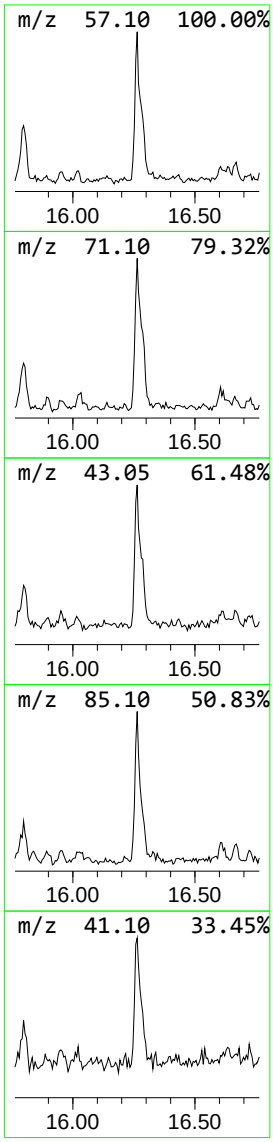
Peak Number 1 Tetradecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	3.01 ng	178947	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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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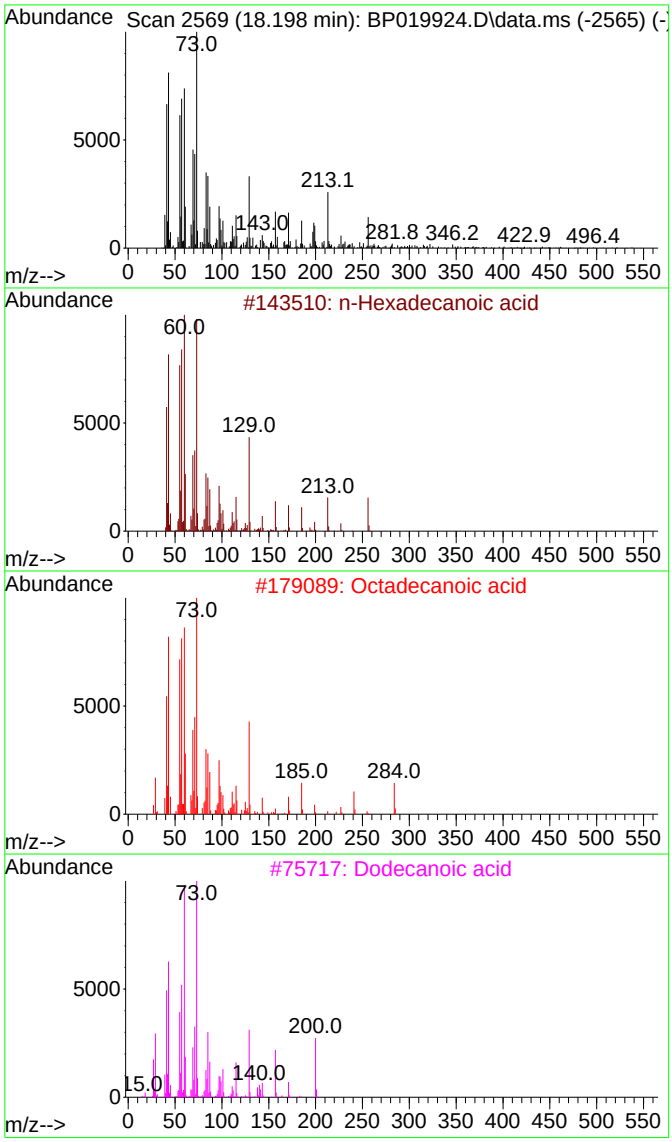
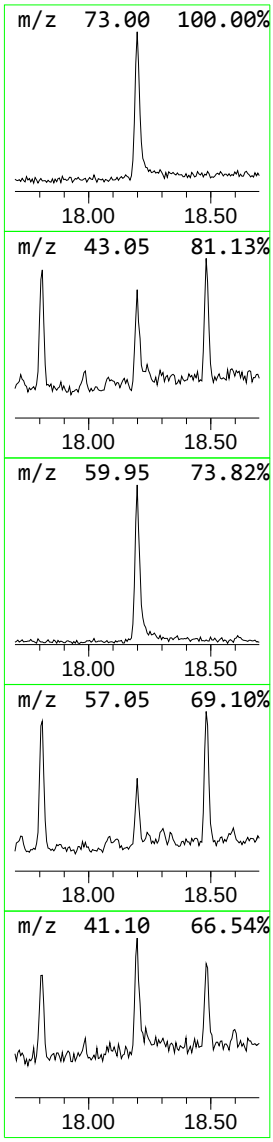
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	3.45 ng	204646	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.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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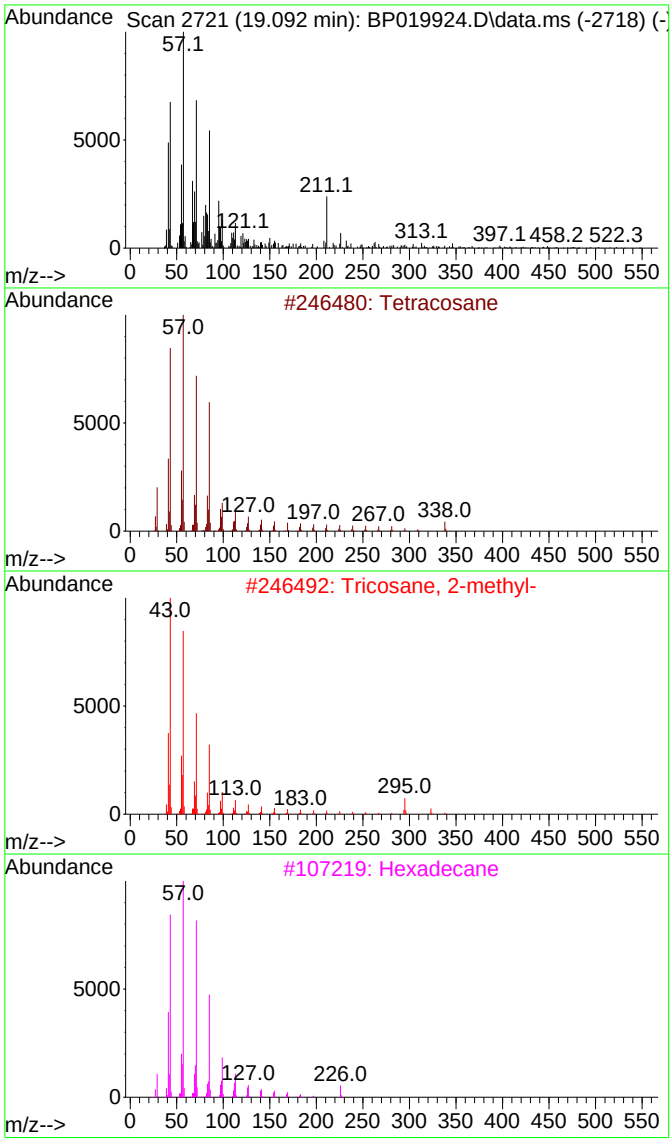
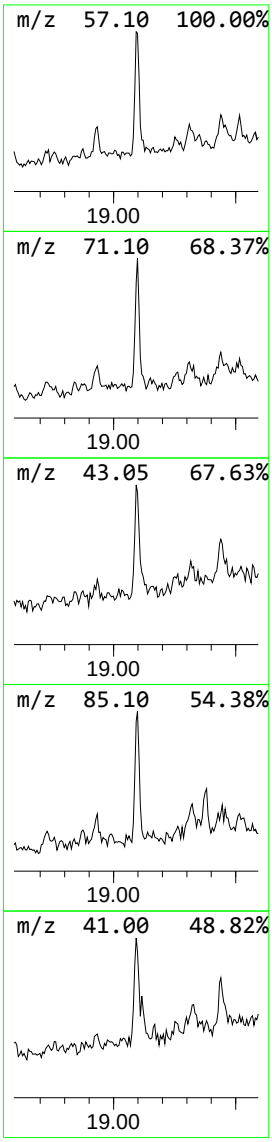
Peak Number 3 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	2.30 ng	136412	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	70
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	60
3	Hexadecane	226	C16H34	000544-76-3	56
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
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Misc :
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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
Tetradecane, 2,...	16.263	3.0	ng	178947	4	17.304	1187260	20.0
n-Hexadecanoic ...	18.198	3.5	ng	204646	4	17.304	1187260	20.0
Tetracosane	19.092	2.3	ng	136412	4	17.304	1187260	20.0